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TABULATED PRESSURE MEASUREMENTS

ON AN EXECUTIVE-TYPE JET TRANSPORT

MODEL WITH A SUPERCRITICAL WING

By Dennis W. Bartlett

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(NASA-TM-X-72701) TABULATED PRESSURE MEASUREMENTS ON AN EXECUTIVE-TYPE JET TRANSPORT MODEL WITH A SUPERCRITICAL WING (NASA) 467 p HC A20/MF A01 CSCL 01A

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NASA TM X-72701		
4. Title and Subtitle		5. Report Date
Tabulated Pressure Measu	September 1975	
Type Jet Transport Model (U)	With a Supercritical Wing	6. Performing Organization Code
7. Author(s)		8. Performing Organization Report No.
Dennis W. Bartlett		
		10. Work Unit No.
Performing Organization Name and Address     NASA Langley Research Center		505-11-11-04
		11. Contract or Grant No.
Hampton, VA 23665		
		13. Type of Report and Period Covered
12. Sponsoring Agency Name and Address National Aeronautics & Space Administration Washington, DC 20546		Technical Memorandum
		14. Sponsoring Agency Code

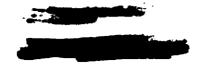
15. Supplementary Notes

Special technical information release, not planned for formal NASA publication.

16. Abstract

An investigation has been conducted in the Langley 8-foot transonic pressure tunnel of a 1/9-scale model of an existing executive-type jet transport refitted with a supercritical wing. The supercritical wing had the same sweep as the original airplane wing but had maximum thickness-chord ratios 33 percent larger at the mean geometric chord and almost 50 percent larger at the wing-fuselage juncture. Wing pressure distributions and fuselage pressure distributions in the vicinity of the left nacelle were measured at Mach numbers from 0.25 to 0.90 at angles of attack that generally varied from -2° to 10°. Results are presented in tabular form without analysis.

17. Key Words (Suggested by Author(s)) Aerodynamics Business Jets Supercritical Wing Application Facelle-Pylon Interference		18. Distribution Statem	rent Time	ly
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# TABULATED PRESSURE MEASUREMENTS ON AN EXECUTIVE-TYPE JET TRANSPORT

# MODEL WITH A SUPERCRITICAL WING

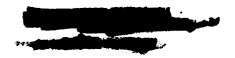
By Dennis W. Bartlett
Langley Research Center

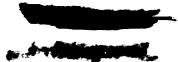
#### SUMMARY

An investigation has been conducted in the Langley 8-foot transonic pressure tunnel of a 1/9-scale model of an existing executive-type jet transport refitted with a supercritical wing. The supercritical wing had the same sweep as the original airplane wing but had maximum thickness-chord ratios 33 percent larger at the mean geometric chord and almost 50 percent larger at the wing-fuselage juncture. Wing pressure distributions and fuselage pressure distributions in the vicinity of the left nacelle were measured at Mach numbers from 0.25 to 0.90 at angles of attack that generally varied from -2° to 10°. Results are presented in tabular form without analysis.

#### INTRODUCTION

Over the past several years a general research effort has been underway at the National Aeronautics and Space Administration to develop technology for the design of wings which incorporate the NASA supercritical airfoil (refs. 1 and 2), and investigations have been conducted on both wind-tunnel models and full-scale research airplanes with supercritical wings (ref. 3). The NASA has also funded several system design and integration studies (ref. 4) which were directed toward defining technology advances that would contribute to a superior new generation of subsonic long-haul transports, and supercritical aerodynamics was the primary impetus behind these studies. (See ref. 5.)





Recently, manufacturers of small executive-type (business) jet transport have shown interest in using supercritical-airfoil technology to improve the performance of this class of airplanes. Therefore, the NASA has entered into cooperative-endeavor agreements with several of these manufacturers to provide technical assistance with the design and application of wings which incorporate the NASA supercritical airfoil.

As part of this endeavor an investigation has been conducted in the Langley 8-foot transonic pressure tunnel of a 1/9-scale model of an existing executive-type jet transport refitted with a supercritical wing having the same sweep as the original wing but with maximum thickness-chord ratios 33 percent larger at the mean geometric chord and almost 50 percent larger at the wing-fuselage juncture. Full-scale low-speed wind-tunnel tests were conducted in late 1969 by NASA (ref. 6) on an earlier model of the basic airplane (Learjet model 23). The basic airplane model used for the present investigation is a later version with a stretched fuselage (Learjet model 25).

Most of the investigation involved refining the inboard region of the supercritical wing to reduce adverse interference associated with the nacelles and pylons overhanging the wing upper surface. The longitudinal and lateral aerodynamic results of the investigation and selected wing and fuselage pressure distributions near the mean cruise lift coefficient are presented and discussed in reference 7. This report documents the wing and fuselage pressure data for the complete angle-of-attack and Mach-number ranges for the majority of configurations for which force and moment data are presented in reference 7.

Pressure data are presented at Mach numbers from 0.25 to 0.90 and for angles of attack that generally varied from -2° to 10°.

The pressure data are presented herein in tabular form without analysis.

No data were obtained for the aircraft with the original wing.



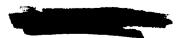
#### SYMBOLS

Values are given in both SI and U.S. Customary Units, however, measurements and calculations were made in U.S. Customary Units. The pressure data presented herein were tabulated by machine, and the limitations of the machine as to available type faces necessitated some differences between the notation of these tables and conventional symbols. The symbols are given in the conventional form with the machine notation included in parentheses.

- b wing span, 133.198 cm (52.440 in.)
- $c_p$  pressure coefficient,  $\frac{p_1 p_{\infty}}{q}$

ĺ.

- c local streamwise chord of wing (see table II(a))
- c' local streamwise chord of wing determined in fuselage-stationwater-line coordinate system (see table III(a))
- mean geometric chord of reference-wing panel, 24.585 cm (9.679 in.), defined as  $b/S \int_{0}^{1} c^{2} d\left(\frac{y}{b/2}\right)$
- in nacelle-pylon incidence angle, referred to fuselage water line, positive for leading edge up, deg (see fig. 1(b))
- iw local wing section incidence angle, referred to fuselage water line, positive for leading edge up, deg
- M free-stream Mach number
- p local static pressure
- $\mathbf{p}_{\mathbf{n}}$  static pressure measured in right nacelle
- $\mathbf{p}_{\mathsf{t}_{\bullet}\infty}$  free-stream total pressure
- $p_{\infty}$  free-stream static pressure
- free-stream dynamic pressure

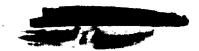




 $m^2$ 

R	Reynolds number
S	area of reference-wing planform including fuselage intercept, 0.312 (3.354 ft <sup>2</sup> )
x	streamwise distance measured from leading edge of wing parallel to
	local chord, positive toward wing trailing edge (see table II(a))
z	vertical distance measured normal to x, referred to local chord,
	positive up (see table II(a))
x†	streamwise distance measured from leading edge of wing parallel to
	water line, positive toward wing trailing edge (see table III(a))
z†	vertical distance measured normal to x', referred to water line
	zero, positive up (see table III(a))
x/c (X/C)	nondimensionalized longitudinal location of wing pressure orifices
x/L	nondimensionalized longitudinal location of fuselage pressure
	orifices, where X corresponds to fuselage station and L is the
	model length, 161.592 cm (63.619 in.)
У	spanwise distance measured normal to model plane of symmetry, 0 at
	fuselage center line
a	angle of attack, referred to fuselage water line, deg
β	angle of sideslip, referred to fuselage center line, positive when
	nose is left, deg
Γ <sub>n</sub>	nacelle-pylon dihedral angle, referred to fuselage water line, deg
	(see fig. l(h))
δ <b>΄</b>	deflection angle of either aileron, positive when trailing edge is
	down, deg





elevator deflection angle, referred to horizontal-tail plane, positive when trailing edge is down, deg

 $\delta_{
m h}$  horizontal-tail deflection angle, referred to fuselage water line, positive when trailing edge is down, deg

# Subscripts:

L left

R right

T location of wing boundary-layer trips

## Abbreviations:

c.g. center of gravity

F.S. fuselage station

L.E. leading edge

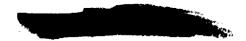
M.G.C. mean geometric chord

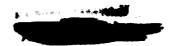
T.E. trailing edge

WL water line

#### TEST FACILITY

The investigation was conducted in the Langley 8-foot transonic pressure tunnel. (See ref. 8.) This facility is a continuous-flow single-return rectangular slotted-throat tunnel having controls that allow for independent variation of Mach number, density, stagnation temperature, and dewpoint temperature. The test section is approximately 2.2 m (7.1 ft) square (same cross-sectional area as that of a circle with a 2.4 m (8-ft) diameter) with the upper





and lower walls axially slotted to permit the test-section Mach number to be changed continuously throughout the transonic speed range. The slotted top and bottom walls each have an average open ratio of approximately 0.06. The stagnation pressure in the tunnel can be varied from a minimum of about 0.25 atm (1 atm = 0.101  $MN/m^2$ ) at all Mach numbers to a maximum of approximately 2.00 atm at Mach numbers less than 0.40. At transonic Mach numbers, however, the maximum stagnation pressure that can be obtained is about 1.5 atm.

#### MODEL DESCRIPTION

Drawings of the 1/9-scale model are presented in figure 1, and photographs of the model installed in the Langley 8-foot transonic pressure tunnel are presented as figure 2. Additional geometric characteristics for the wing, horizontal tail, and vertical tail are given in table I.

## Supercritical Wing

The supercritical airfoils used for the present wing have considerably less aft camber than previously designed NASA supercritical airfoils. Very little camber is required because of the relatively low cruise lift-coefficient range (C<sub>L</sub> = 0.2 to 0.3) for this type of aircraft. No two-dimensional data are available for the basic airfoil section used for the present supercritical wing; however, two-dimensional data on supercritical airfoils designed for higher cruise lift coefficients are given in references 1 and 2.

The supercritical wing was designed to replace the original wing on the aircraft without extensive modifications to the fuselage or relocation of the engine nacelles. The coordinates for the airfoils used to define the supercritical wing for the initial configuration are given in table II. Subsequent to the investigation (after extensive modifications (figs. 1(d) and 1(e)) were made in the wind tunnel to the inboard section of the wing in the vicinity of the nacelles),





the wing (fig. 1(e)) was measured while mounted on the fuselage, and these coordinates are given in tables III and IV for the left and right panels, respectively. Coordinates are given for both wing panels because some asymmetry occurred when the modifications were made. The resulting "modified" wing is referred to as the final supercritical wing.

The reference for z in defining the initial airfoils (table II) is the chord for each airfoil, and the reference for x is the airfoil leading edge. This, of course, is the customary coordinate system used when defining or generating airfoils. However, for measuring airfoil coordinates on a three-dimensional wing, this coordinate system is difficult to use since the references for x and z are not easily located. Therefore, because the fuselage was provided with conveniently located water-line and fuselage-station reference points, the final wing coordinates (tables III and IV) were determined from measurements made with the wing mounted on the fuselage as tested. Consequently, these coordinates reflect both the twist and the dimedral that were built into the wing. This coordinate system is referred to as the x'-z' coordinate system. The reference for x' is fuselage station 0, and correspondingly, the reference for z' is water line 0. (See fig. 1(b).) In nondimensionalizing the coordinates, the reference for x' was shifted to the local wing leading edge. The coordinates for the final supercritical wing (tables III and IV) also reflect some minor modifications made to the outboard airfoil sections of the wing in addition to the rather extensive modifications made to the inboard section in the vicinity of the nacelles.

The leading-edge glove shown in figures 1(a) and 1(c) was not part of the initial supercritical-wing planform but was added during the investigation. The wing reference area S and mean geometric chord c, however, were computed from





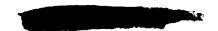
the dimensions of the reference-wing planform, which does not include the leading-edge glove (fig. 1(c)), and were therefore constant throughout the test program. The area of the reference-wing planform is 0.312 m<sup>2</sup> (3.354 ft<sup>2</sup>), the mean geometric chord is 24.585 cm (9.679 in.) long, and the wing span is 133.198 cm (52.440 in.) at the 40-percent streamwise chord. (See fig. 1(c).) The wing was mounted on the fuselage with 2.5° of dibedral and has approximately 2° of twist (washout) between semispan station  $\frac{V}{b/2}$  = 0.115 and the tip. The maximum thickness-chord ratios of the final supercritical wing varied from approximately 0.141 (based on total chord length) near the wing-fuselage juncture to 0.12 at the mean geometric chord and 0.10 at the tip. The maximum thickness ratios for the inboard section are approximately the same as for the initial supercritical wing, since the actual wing thickness and chords were increased in the same proportion when the glove was added.

## Fuselage and Tails

The fuselage and tails (figs. 1(a) and 1(b)) are scaled versions of those on the basic aircraft except for a sting shield that was added to the aft section of the fuselage as shown in figure 1(b). Although the sting shield distorted the aft fuselage lines, it did remove the rather large cavity and associated airflow between the sting and fuselage that would have resulted if a straight sting arrangement had been used with an "upswept" aft fuselage. Since performance optimization of the cruise configuration was of primary interest, it was judged that by eliminating the flow between the sting and fuselage, the sting shield would facilitate correction of drag results for base drag. Geometric characteristics of the horizontal and vertical tails are given in table I.



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## Nacelle and Pylon

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Details of the flow-through nacelle are presented in figure 1(f). A lower-surface fairing and chord extension were added to the basic pylon (NACA 66-006 airfoil) during the investigation to help reduce the adverse nacelle-pylon interference. The pylon extension and fairing are shown in figures 1(a) and 1(b), and cross sections of the nacelle with the modified pylon are presented in figure 1(g).

## Model Configurations

The model configurations for which pressure data are tabulated herein are summarized in table V. The model configurations tested with the initial supercritical wing are designated numbers 1 and 2 (with and without nacelles and pylons, respectively). The final supercritical wing configuration (table V) refers to all configurations tested after the model contours (wing and pylons) were frozen at the termination of the wind-tunnel wing design and development program which was involved primarily with alleviating the adverse nacelle-pylon interference. As in reference 7, no data are presented for the intermediary configurations of the development program, however, this part of the wind-tunnel investigation is discussed in reference 7. After arriving at the final supercritical-wing configuration, tests were conducted to determine such things as horizontal-tail effectiveness, aileron control and the effects of nacelle-pylon incidence and dihedral variation, and these are the types of configurations (not model contour variations) listed under the final supercritical-wing configuration in table V.

## MEASUREMENTS AND TEST CONDITIONS

Six-component force and moment data were obtained with an electrical strain-gage balance housed within the fuselage cavity, and the wing and





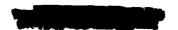
fuselage were instrumented with flush surface static pressure orifices. The wing pressure orifices were distributed in streamwise rows on the upper and lower surface of the left wing panel, and a single row of orifices was located on the fuselage left side beneath the pylon at a vertical position corresponding to water line 8.89 cm (3.50 in.). (See fig. 1(i).) The surface pressures were recorded by differential-pressure scanning-valve units mounted in the nose section of the model which allowed for the balance force and moment data and the pressure data to be obtained simultaneously. In addition to the wing and fuselage orifices, three total pressure tubes and one static-pressure tube were located in the right nacelle to monitor the flow conditions at the station which would correspond to the compressor face. (See fig. 1(f).) Nacelle pressure data are presented in ref. 7. It should be noted that the pressure taps on the aileron were not connected for configurations 1 and 2, and that wing section characteristics were not computed for any configuration because of the number of orifices that were lost during the course of the investigation.

Measurements were taken over a Mach number range varying from 0.25 to 0.90 for angles of attack that generally varied from -2° to 10°. The entire investigation was conducted at a stagnation temperature of 322 K (120°F) and at a dewpoint temperature low enough to avoid significant condensation effects. The tunnel test conditions are summarized in table VI.

# BOUNDARY-LAYER TRANSITION

All model transition strips were 0.127 cm (0.05 in.) wide, and the carborundum grit sizes were selected by using the techniques of reference 9.

Wing. - Boundary-layer transition was fixed on the model for the entire investigation. The initial configuration with the nacelles (configuration 1) was tested with the wing boundary-layer trips at each of two locations,





29 percent and 5 percent of the local streamwise chords. The initial conliguration without the nacelles (configuration 2) was tested with the wing boundary-layer trips located at only the 29-percent position. (See oil-flow photographs in figs. 3 and 4.) The 29-percent location was selected by using the techniques described in references 10 and 11 in an effort to simulate the full-scale Reynolds number boundary-layer characteristic at the wing trailing edge and, therefore, the full-scale wing shock location for the design cruise conditions (M = 0.80 at an altitude of 12 192 m (40 000 ft). When the wing shock moves forward of the aft-located trips and interacts with the laminar boundary layer, however, an unnatural situation is produced in that this interaction would not be expected to occur at full-scale Reynolds numbers. (Note the lambda-type shock system ahead of the trips in the oil-flow photographs for configuration 1 in fig. 3(a).) Since the laminar flow is probably tripped at the shock wave anyway, the boundary-layer trips should be moved to a position near the leading edge. In some past investigations the trips were located rearward for Mach numbers near the design point and then moved forward for lower Mach numbers to keep the trips ahead of the shock wave. The nacelles on the present configuration, however, push the shock wave forward; and even at the higher Mach numbers of the investigation, the shock wave is ahead of the aft-located trips on the inboard section of the wing. (Compare configuration 1 (with nacelles) and configuration 2 (without nacelles) in fig. 3.) For this reason, it was judged that the 5-percent trip location would be more appropriate for this particular type of configuration, and therefore, the 5-percent trip position was used on the wing upper and lower surfaces for all configurations tested after number 2. A comparison of the longitudinal aerodynamic characteristics for configuration 1 with 5- and 29-percent wing boundary-layer





trip locations is presented in reference 7. No. 100 carborundum grit was used as the trip at the 29-percent location and No. 120 grit was used at the 5-percent location.

Horizontal and vertical tails, fuselage, nacelles, and pylons.— No. 120 carborundum grit was located at 5 percent of the local streamwise chord on the horizontal and vertical tails and on the fuselage 2.54 cm (1.0 in.) from the nose. No. 120 grit was also located on the nacelles on both the inner and the outer surfaces 1.27 cm (0.5 in.) from the inlet lip and on the upper and lower surface of the pylons 1.27 cm (0.5 in.) from the leading edge.

# SUMMARY OF DATA PRESENTED

An index to all the tables in the present report is listed below. Pressure data are presented for the configurations listed in table V, and these data are contained in tables VII through XIII. The pressure data presented for configuration 623 ( $\delta_{a,R}^{\dagger} = -5^{\circ}$ ,  $\delta_{a,L}^{\dagger} = 5^{\circ}$ ) are for the left wing panel with the aileron deflected trailing-edge down  $5^{\circ}$ .

#### INDEX TO TABLES

Table I.- Geometric Characteristics for the Wing and the Horizontal and Vertical Tails.

Table II .- Initial Supercritical Wing Coordinates (Model Configurations 1 and 2),

Table III .- Final Supercritical Wing Coordinates, Left Panel.

Table IV .- Final Supercritical Wing Coordinates, Right Panel.

Table V.- Configuration Schedule.

Table VI .- Tunnel-Test Conditions.

#### PRESSURE DATA

Table VII .- Wing and F. Lage Pressure Coefficients for Configuration 1.

$$\frac{x_{\mathrm{T}}}{c} = 0.29.$$





Table VIII .- Wing and Fuselage Pressure Coefficients for Configuration 1.

$$\frac{x_{\mathrm{T}}}{c} = 0.05$$

Table IX.- Wing and Fuselage Pressure Coefficients for Configuration 2.

Table X .- Wing and Fuselage Pressure Coefficients for Configuration 123.

Table XI .- Wing and Fuselage Pressure Coefficient for Configuration 623.

Table XII .- Wing and Fuselage Pressure Coefficients for Configuration 125.

Table XIII .- Wing and Fuselage Pressure Coefficients for Configuration 126.

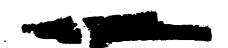


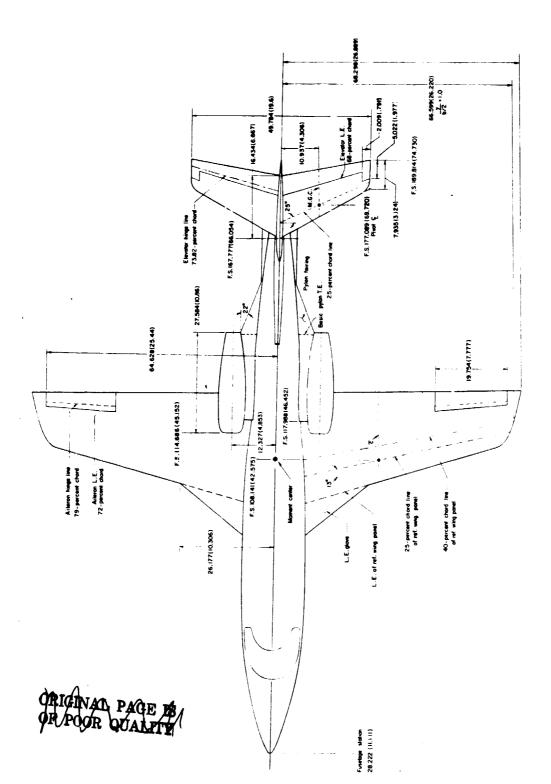


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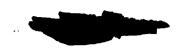


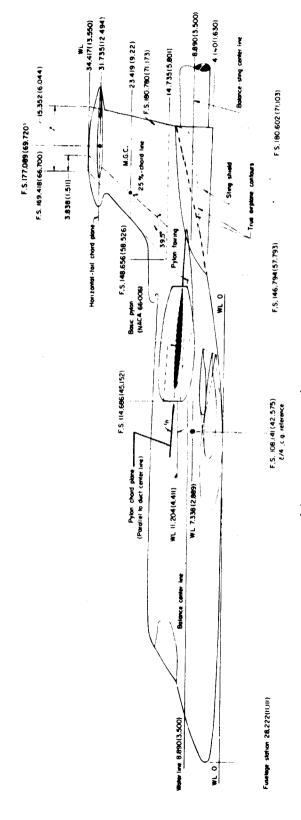


(a) Planform arrangement of 1/9-scale model.

Figure 1.- Model details. Linear dimensions are in centimeters (inches).

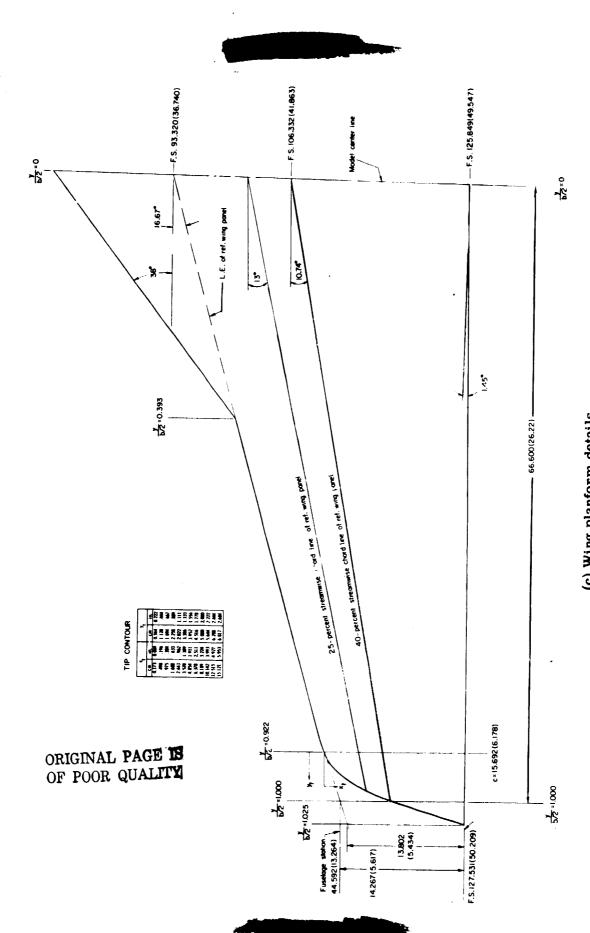
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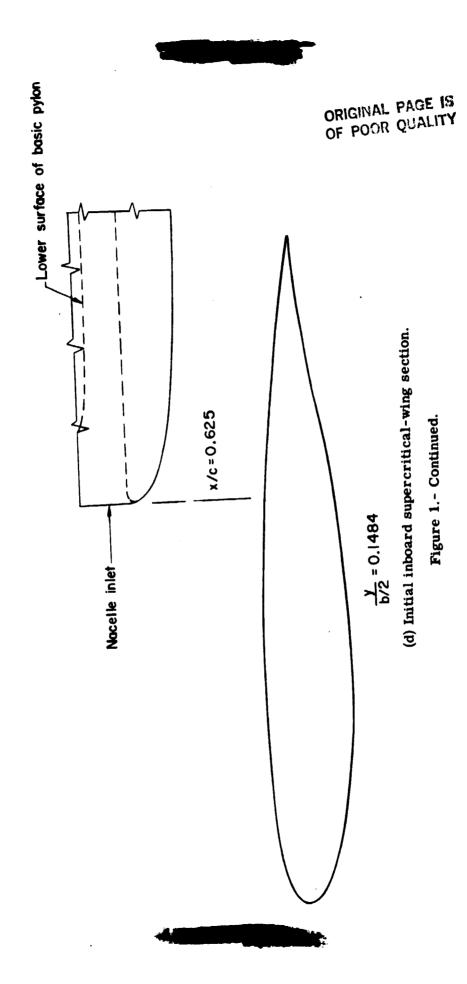


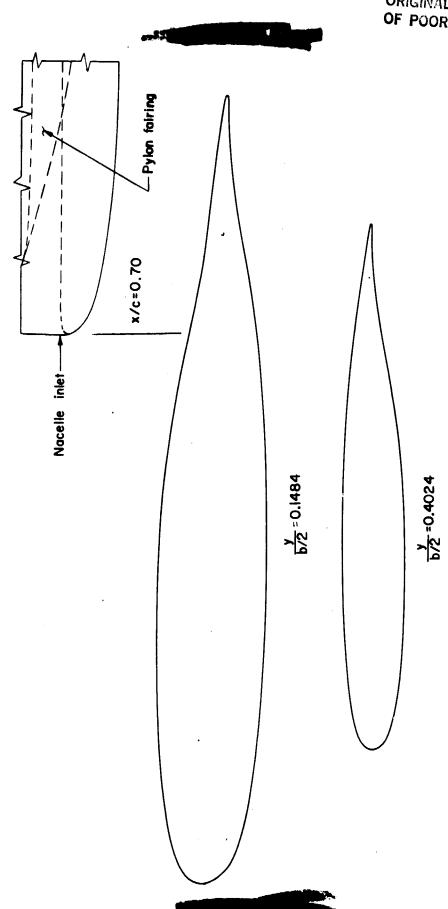
(b) Side view of 1/9-scale model.

Figure 1.- Continued.



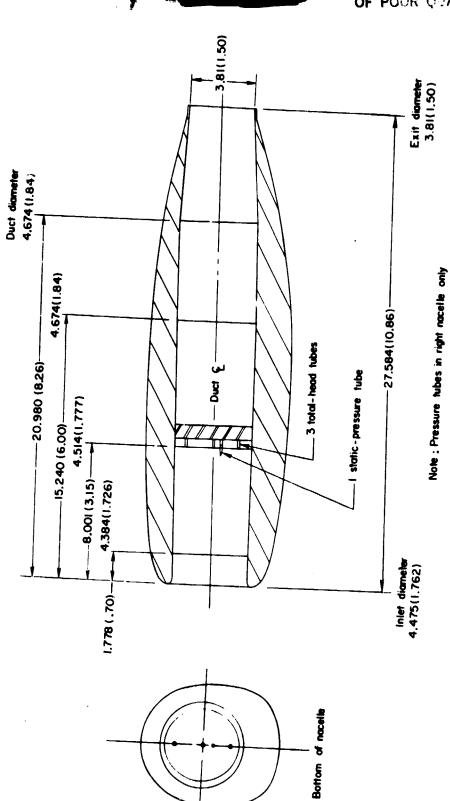
(c) Wing planform details. Figure 1. - Continued.



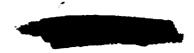


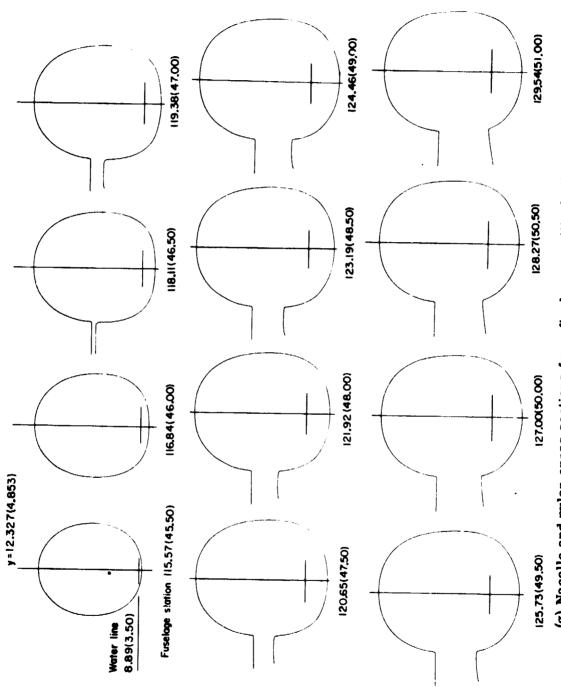
(e) Wing sections from final supercritical wing (coordinates in tables III and IV).

Figure 1.- Continued.



(f) Nacelle details.Figure 1.- Continued.





(g) Nacelle and pylon cross sections from final supercritical-wing configuration.

Figure 1.- Continued.



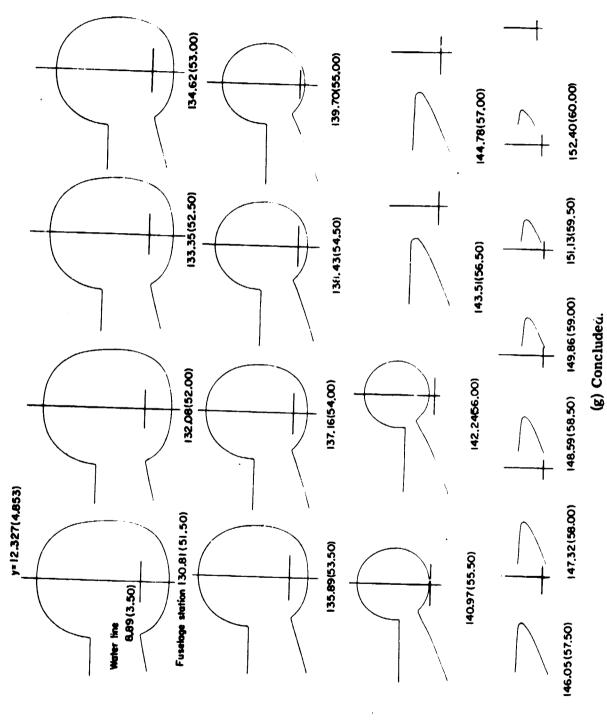
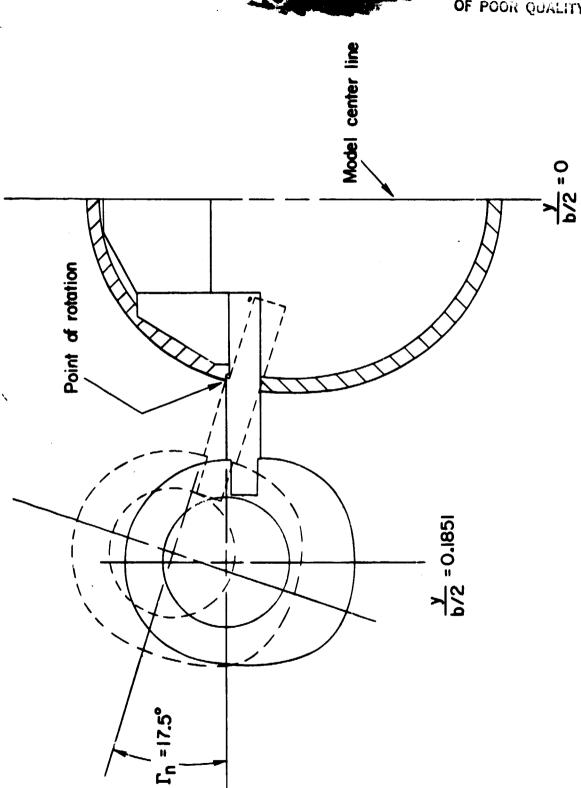


Figure 1.- Continued.





(h) Schematic showing nacelle dihedral angle, In-

Figure 1.- Continued.

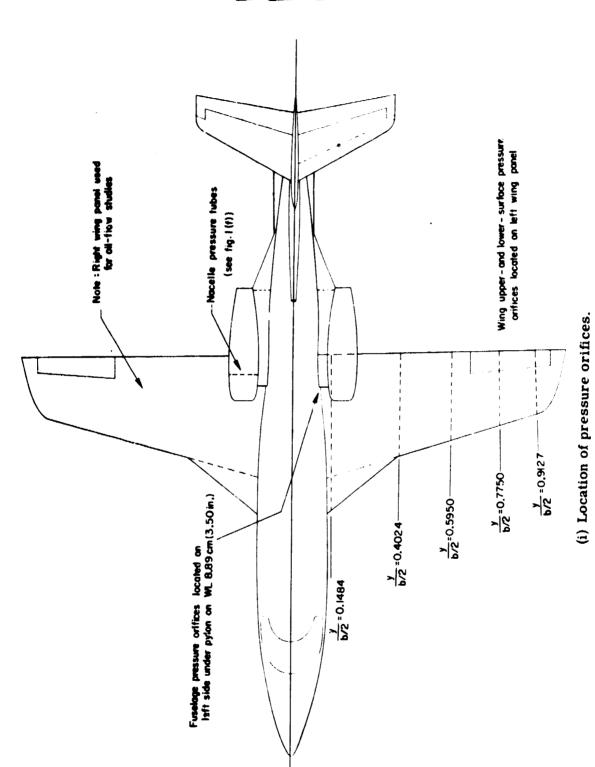
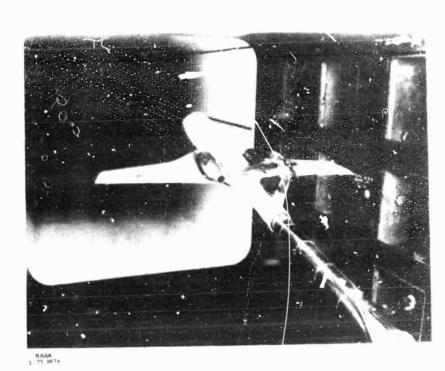


Figure 1. - Concluded.



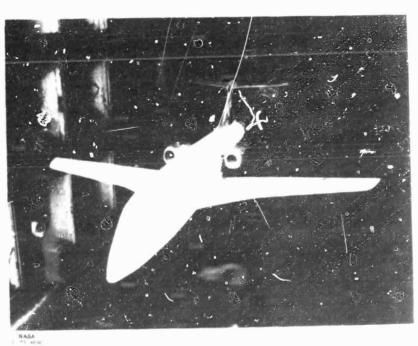
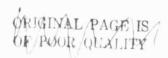


Figure 2. - Photographs of the 1/9 - scale model in the Eight-foot transonic pressure tunnel.







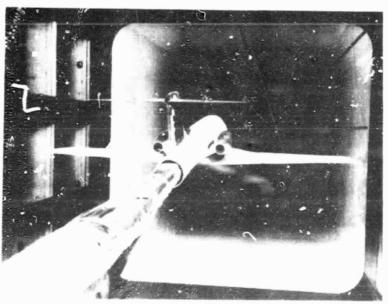
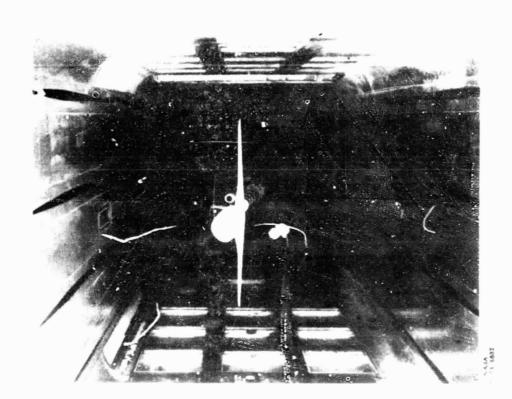


Figure 2. - Continued.









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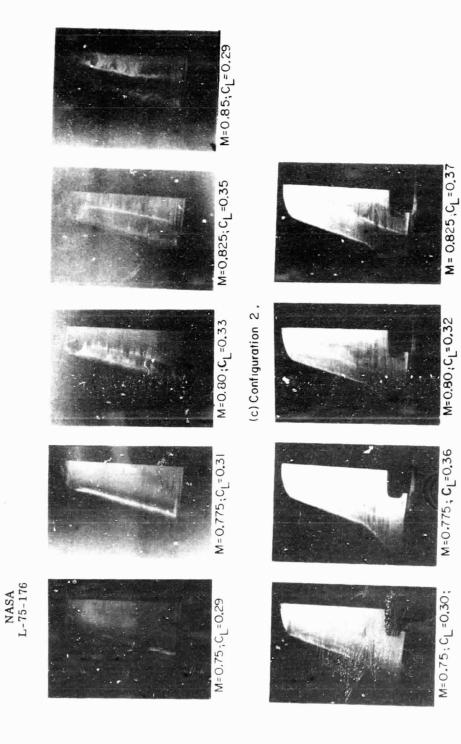
Figure 2. - Concluded.



M=0.825; CL=0.34 M=0.85;CL=0.27 M=0,825;CL=0,27 M=0.825;C\_=0.31 (a) Configuration 1.  $x_{T/c}$ =0.29. M=0.80;CL =0.34 M=0.80;C\_=0.31 M=0.775;CL=0.30 M=0.775;CL=0.34 M=0.75; CL=0.30 M=0.75; CL=0.32

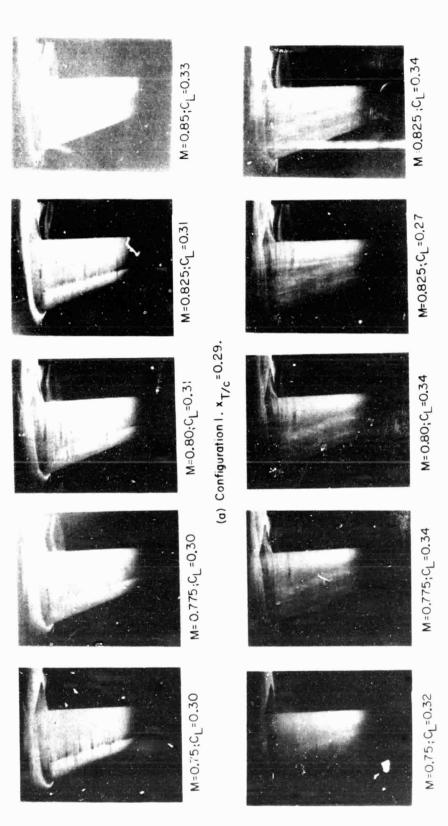
(b) Configuration I.  $\kappa_{T/c}=0.05$  . Figure 3. - Wing upper surface oil flow photographs.

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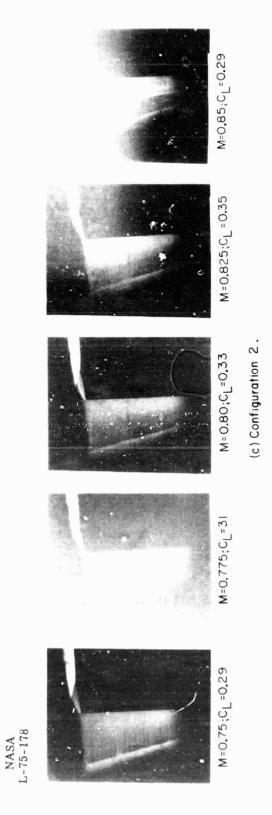
(d) Configuration 23.

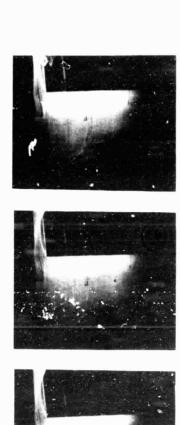
Figure 3. - Concluded.



(b) Configuration I.  $x_{T/c}$ =0.05.

Figure 4. - Wing lower surface oil flow photographs.





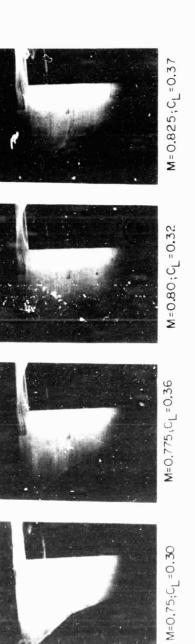


Figure 4. - Concluded.

(d) Configuration 23.



# TABLE I.- MODEL GEOMETRIC CHARACTERISTICS

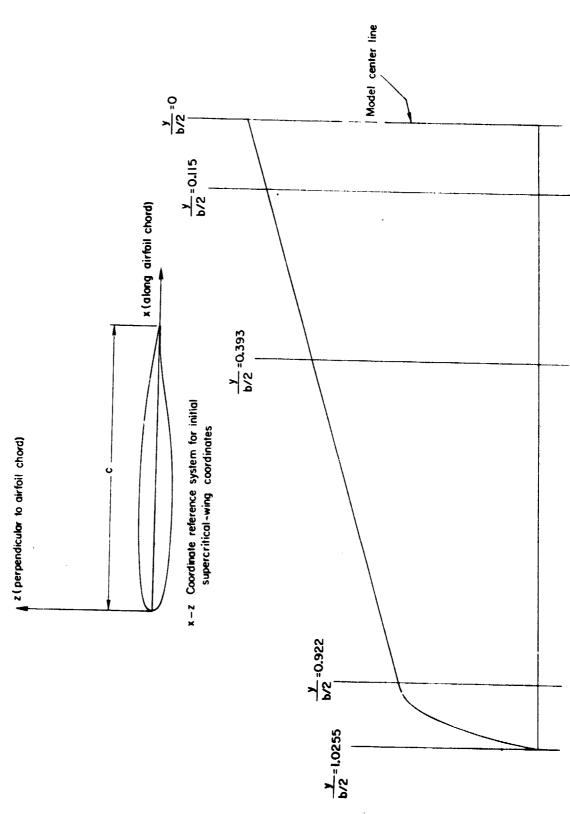
Wing (reference-wing planform):
Sweep (25-percent chord), deg
Area, $m^2$ (ft <sup>2</sup> )
Mean geometric chord, cm (in.)
Span, cm (in.)
Aspect ratio
Taper ratio
Dihedral, deg
Incidence at root $\left(\frac{y}{b/2} = 0\right)$ , deg
Incidence at tip $\left(\frac{y}{b/2} = 1\right)$ , deg
Airfoils (total wing planform) See tables III and IV
Horizontal tail:
Sweep (25-percent chord), deg
Area, $m^2$ (ft <sup>2</sup> )
Mean geometric chord, cm (in.)
Span, cm (in.)
Aspect ratio
Taper ratio
Taper ratio
•
Airfoil
Airfoil
Airfoil
Airfoil



TABLE II.- INITIAL SUPERCRITICAL-WING COORDINATES
(a) Planform coordinate layout

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#### TABLE II. - INITIAL SUPERCRITICAL-WING COORDINATES - Continued

(b) 
$$\frac{y}{b/2} = 0.115$$

(c) 
$$\frac{y}{b/2} = 0.393$$

	Z/	′c
x/c	Upper surface	Lower surface
0	0	0
.0025	.011	011
.0050	.015	015
.0075	.017	018
0100	.019	~.020
.0250	.028	030
.0500	.036	041
.0750	.042	049
.1000	.046	056
.1500	.051	066
.2000	.055	072
.2500	.057	075
.3000	.058	077
.3500	.058	077
.4000	.057	075
.4500	.056	073
.5000	.055	070
.5500	.053	065
.6000	.050	059
.6500	.046	052
.7000	.042	043
.7500	.037	034
.8000	.031	023
.8500	.025	015
.9000	.018	009
.9500	.010	004
.9700	.007	003
1.0000	.002	002

c = 30.429 cm (11.980 in.)

 $\frac{\text{Leading-edge radius}}{c} = 0.029$ 

 $i_W = 1.577^{\circ}$ 

	z/c		
x/c	Upper surface	Lower surface	
0	0	0	
.0025	.012	012	
.0050	.015	015	
.0075	.018	018	
.0100	.020	021	
.0250	.029	030	
.0500	.037	039	
.0750	.042	044	
.1000	.045	048	
.1500	.050	054	
.2000	.054	058	
.2500	.056	060	
.3000	.057	061	
.3500	.058	062	
.4000	.058	062	
. 4500	.058	061	
.5000	.057	059	
.5500	.055	055	
.6000	.052	050	
.6500	.049	043	
.7000	.045	035	
.7500	.039	026	
.8000	.033	017	
.8500	.026	010	
.9000	.018	005	
.9500	.010	001	
.9700	.007	001	
1.0000	.002	002	

c = 25.352 cm (9.981 in.)

 $\frac{\text{Leading-edge radius}}{c} = 0.026$ 

 $i_{\rm W}=0.55^{\rm O}$ 



#### TABLE II. - INITIAL SUPERCRITICAL-WING COORDINATES - Concluded

(d) 
$$\frac{y}{b/2} = 0.922$$

	Z,	/c
x/c	Upper surface	Lower surface
0	0	0
.0025	.010	010
.0050	.013	013
.0075	.016	016
.0100	.018	018
.0250	.025	025
.0500	.032	032
.0750	.036	037
.1000	.040	040
.1500	.044	045
.2000	.047	048
.2500	.049	050
.3000	.051	051
.3500	.052	051
.4000	.052	051
.4500	.052	050
.5000	.051	047
.5500	.050	044
.6000	.048	040
.6500	.045	034
.7000	.042	027
.7500	.038	018
.8000	.032	005
.8500	.026	004
.9000	.019	0
.9500	.011	.001
.9700	.007	0
1.0000	.002	002

c = 15.692 cm (6.178 in.)

Leading-edge radius = 0.021

iw = -∟ ,-

(e)	$\frac{y}{b/2}$	=	1.0255
-----	-----------------	---	--------

	Z	/c
x/c	Upper surface	Lower surface
0	0	0
.0025	.009	009
.0050	.013	013
.0075	.015	015
.0100	.017	017
.0250	.023	023
.0500	.030	030
.0750	.034	034
.1000	.038	037
.1500	.042	042
.2000	.045	045
.2500	.047	046
.3000	.049	047
.3500	.049	047
.4000	.050	047
.4500	.050	045
.5000	.049	043
.5500	.048	040
. 6000	.047	036
.6500	.044	030
.7000	.041	023
.7500	.037	016
.8000	.032	008
.8500	.026	002
.9000	.026	.002
.9500	.011	.002
.9700	.008	.001
1.0000	.002	002

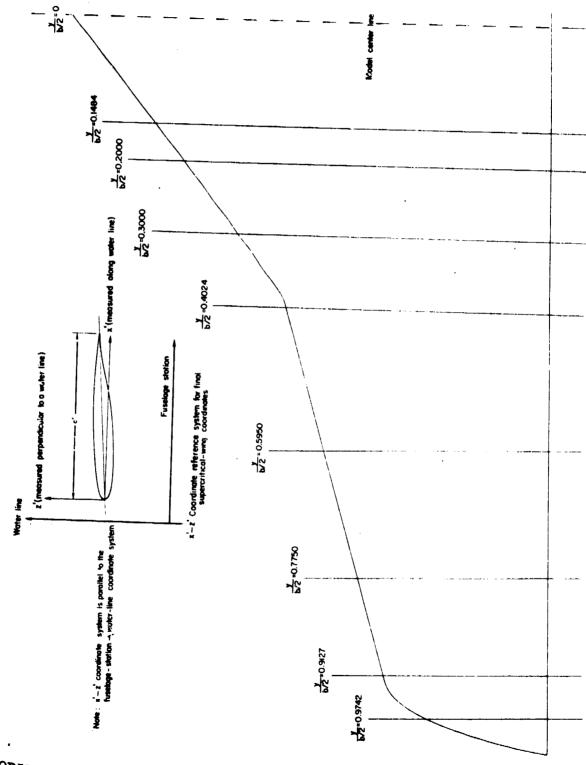
c = 13.802 cm (5.434 in.)

Leading-edge radius = 0.019

 $i_W = -0.47^{O}$ 

Table III.- Final Supercritical-wing coordinates, left panel

(a) Planform coordinate layout



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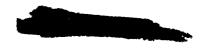


TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

( ;

(b)  $\frac{y}{b/2} = 0.1484$ 

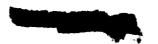
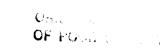
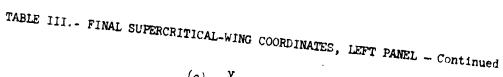


TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(b) 
$$\frac{y}{b/2} = 0.1484 - \text{Concluded}$$

x'/c'		L	ower surface		
	z'/c'	x'/c'	2'/c'		
•0002 0•0000	0.0948	0.3213		x'/c'	z'/c'
.0013 .0038 .0056 .0096 .0140 .0188 .0247 .0300 .0421 .0507 .0592 .0628 .0779 .0852 .1023 .1113 .1195 .1319 .1421 .1532 .1639 .1750 .1847 .1890 .1966 .2121 .2248 .2391 .2519 .2631 .2782 .2864 .3026 .3144	.0917 .0857 .0799 .0770 .0720 .0677 .0637 .0599 .0572 .0526 .0500 .0479 .0470 .0470 .0437 .0422 .0390 .0373 .0359 .0341 .0325 .0309 .0267 .0261 .0252 .0261 .0252 .0261 .0252 .0266 .0208 .0197 .0174 .0168 .0157 .0150	.3317 .3379 .3469 .3548 .3634 .3791 .3861 .4043 .4139 .4232 .4314 .4377 .4469 .4659 .4659 .4659 .4752 .4844 .5022 .5142 .5142 .5245 .5334 .5462 .5575 .5700 .5858 .697 .6248 .6410 .6658 .6658	0.0145 .0141 .0137 .0134 .0128 .0125 .0122 .0120 .0118 .0115 .0113 .0111 .0110 .0108 .0108 .0106 .0106 .0105 .0107 .0108 .0109 .0112 .0114 .0117 .0122 .0147 .0154 .0163 .0175 .0186 .0196 .0206	0.6850 .6983 .7114 .7252 .7402 .7539 .7624 .7720 .7846 .7951 .8015 .8119 .8210 .8303 .8385 .8508 .8599 .8670 .8756 .8822 .8905 .8999 .9077 .9133 .9215 .9318 .9412 .9509 .9614 .9509 .9614 .9683 .9766 .9825 .9877 .9958 1.0000 1.0000	0.0215 .0231 .0248 .0265 .0287 .0307 .0336 .0357 .0375 .0386 .0405 .0421 .0438 .0452 .0472 .0486 .0496 .0508 .0517 .0526 .0536 .0543 .0550 .0556 .0570 .0580 .0582 .0582 .0582 .0582 .0583





(c)  $\frac{y}{b/2} = 0.2000$ 

		opp	er surface		
x'/c'	z'/c'	x'/c'	z'/c'		
	0.1021		2 /e-	x'/c'	z'/c'
0.0000 .0008 .0024 .0054 .0083 .0114 .0132 .0186 .0216 .0232 .0284 .0308 .0429 .0477 .0535 .0586 .0667 .0759 .0834 .0905 .0987 .1054 .1138 .1221 .1329 .1431 .1559 .1698 .1795 .1872 .1985 .2069 .2191 .2315	0.1021 .1061 .1103 .1149 .1181 .1207 .1222 .1255 .1273 .1279 .1302 .1309 .1323 .1348 .1363 .1378 .1389 .1407 .1422 .1436 .1447 .1457 .1457 .1468 .1477 .1485 .1503 .1515 .1503 .1515 .1526 .1533 .1544 .1549 .1555 .1559	0.2499 .2617 .2742 .2845 .2936 .3041 .3161 .3257 .3369 .3481 .3623 .3735 .3864 .3979 .4088 .4192 .4294 .4459 .4594 .4459 .4594 .4726 .4855 .4982 .5093 .5175 .5297 .5417 .5525 .5617 .5730 .5840 .5952 .6058 .6162 .6270	0.1565 .1568 .1570 .1571 .1571 .1572 .1571 .1571 .1568 .1566 .1563 .1566 .1554 .1556 .1554 .1546 .1537 .1530 .1520 .1511 .1500 .1490 .1482 .1467 .1452 .1439 .1427 .1411 .1395 .1378 .1360 .1341 .1322	x'/e'  0.6628 .6734 .6845 .6956 .7069 .7187 .7301 .7424 .7532 .7668 .7720 .7824 .7891 .7978 .8095 .8209 .8323 .8446 .8571 .8713 .8781 .8870 .8957 .9042 .9138 .9223 .9311 .9435 .9535 .9616 .9753 .9853 .9872	2'/c'  0.1256 .1235 .1214 .1192 .1169 .1146 .1124 .1100 .1082 .1060 .1052 .1034 .1023 .1012 .0997 .0982 .0967 .0952 .0935 .0916 .0907 .0895 .0883 .0872 .0858 .0846 .0833 .0815 .0800 .0787 .0763 .0746
.2410	.1563 cm (13.8003 in.)	.6376 .6493	.1304	1.0000	.0723 .0718 .0694



TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(c)  $\frac{y}{b/2} = 0.2000 - \text{Concluded}$ 

x'/c'		Lowe	r surface		
	z'/c	x'/c'	51/1		
0.0000	0.0989	0.0000	z'/c'	x'/c'	z'/c'
.0022 .0044 .0087 .0138 .0187 .0282 .0396 .0157 .0568 .0672 .0804 .0919 .1037 .1133 .1258 .1354 .1483 .1555 .1640 .1710 .1808 .1904 .1984 .2098	.0943 .0910 .0868 .0810 .0763 .0725 .0670 .0627 .0608 .0576 .0553 .0522 .0499 .0479 .0460 .0441 .0425 .0405 .0395 .0372 .0359 .0347	0.2998 .3072 .3188 .3297 .3404 .3520 .3654 .3806 .3909 .4033 .4138 .4277 .4403 .4519 .4622 .4775 .4890 .5043 .5171 .5309 .5447 .5560 .5657 .5771 .5878	0.0246 .0243 .0234 .0229 .0224 .0220 .0215 .0211 .7205 .0203 .0201 .0199 .0198 .0196 .0198 .0205 .0205 .0209 .0215 .0223 .0228 .0238 .0243	0.6873 .6971 .7026 .7127 .7255 .7377 .7481 .7591 .7664 .7775 .7890 .7997 .8086 .8176 .8280 .8386 .8505 .8608 .8721 .8843 .8937 .9027 .9127 .9233 .9364	0.0331 .0343 .0350 .0364 .0400 .0416 .0434 .0446 .0465 .0486 .0504 .0520 .0535 .0571 .0589 .0604 .0619 .0633 .0643 .0652
.2340 .2447 .2601 .2651 .2800	.0311 .0298 .0287 .0275 .0270 .0259 .0252	.6112 .6248 .6344 .6458 .6550 .6682	.0249 .02 <b>58</b> .0269 .0277 .0286 .0295 .0308 .0320	.9490 .9574 .9682 .9758 .9845 .9911 1.0000	.0681 .0688 .0690 .0693 .0693 .0691 .0690 .0694

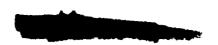


TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(d) 
$$\frac{y}{b/2} = 0.3000$$

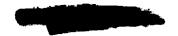
x'/c'		Upper surface	
0.0000	· z'/c'	x'/c'	
•0001	0.1147		z'/c'
•0001	.1176	0.4631	276
•0025	.1208	.4807	0_1664
•0085	.1256	.4954	.1654
.0186	.1323	-5107	. 1546
.0261	.1384	•5252	.1634
•0319	-1418	•5386	.1622
.0407	.1439	-5487	.1611
.0493	1466	.5641	.1603
•0570	-1487	-5794	.1588
•0609	.1503	•5991	.1572
<b>.0668</b>	.1509	.6156	•1551 •1534
-0774	-1521	.6384 .6602	.1505
.0885	.1537	.6824	.1477
•0985	.1552 .1567	.6964	.1447
-1103	1580	.7119	.1427
•1217 •1360	.1591	.7256	-1406
•1466	.1605	.7447	-1386
.1594	.1613	-7596	•1362
.1754	.1625	-7747	.1345
-1854	.1636	-7900	.1326
-1966	.1643	.8069	•1306
-2115	.1652	.8250	-1283
-2258	.1660	.8381	.1258
-2367	.1665	-8487	.1225
-2529	.1671	.8592 .8660	.1210
•2668	.1678 .1681	.8761	.1201
-2826	.1684	.8863	.1186
•3013 •3171	-1688	8966	-1172
•3320	-1690	•9089	.1155
-3468	.1690	•9234	•1136
-3641	.1689	•9370	.1115
-3818	.1689	-9477	-1092
-3964	-1688	•9581	.1075
4115	.1686	•9704	-1056
.4294	-1682	•9801	.1034 .1019
.4459	.1678	•9933	.0994
c' = 29.9088 cm (1	.1671	1.0000	.0979



#### TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(d)  $\frac{y}{b/2} = 0.3000 - Concluded$ 

x'/c'	z*/c*	x'/c'	z'/c'
0.0002	0.1139	0.4859	0.0447
.0016	.1093	.5027	.0452
.0046	.1035	.5223	.0458
		.5400	.0466
.0078	.0996		.0477
.0106	.0970	.5601	
.0158	.0931	.5746	.0485
.0208	.0903	.5881	.0496
<b>.02</b> 82	.0867	.6029	.0507
.0407	.0823	.6201	.0522
.0505	.0794	.6357	.0538
.0569	.0777	.6532	.0559
.0682	.0748	.6670	.0577
.0800	.0722	.6813	.0597
.0897	.0702	.6939	.0615
	.0692		.0631
.0954	.0668	.7067	.065
.1076		.7205	
.1173	.0651	.7332	.0676
.1298	.0630	.7489	.070
.1424	.0611	.7614	.0721
.1576	.0590	.7742	.0741
.1692	.0575	.7911	.077
.1824	.0560	.8044	.0798
.2099	.0529	.8150	.0819
.2211	.0519	.8268	.083
.2319	.0510	.8416	.085
.2488	.0496	.8548	.087
.2678	.0484	.8668	.088
		.8804	.090
.2788	.0478		
.2950	.0467	.8950	.0919
.3117	.0460	.9083	.093
.3279	.0453	.9202	.094
. 3444	.0447	.9366	.095
.3589	.0443	.9515	.096
.3721	.0440	.9584	.096
.3781	.0440	.9680	.096
.3986	.0438	.9781	.096
.4161	.0438	.9840	.096
.4334	.0440	.9918	.096
	.0440	1.0000	.096
.4518 .4681	0777 0445	1.0000	1



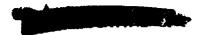


TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(e) 
$$\frac{y}{b/2}$$
 = 0.4024 - Concluded

Lower surface			
x'/c'	z'/c'	x'/c'	z'/c'
0.0002	0.1383	0.4565	0.0758
0010	.1344	.4746	.0764
.0022	.1310	•p33t	.0771
.0040	.1275	.5106	.0779
.0067	.1238	.5246	.0787
.0130	.1179	•5385	.0796
.0130	.1138	•5539	.0807
	.1111	.5661	.0817
.0245	.10 <sub>6</sub> 5	.5810	.0831
.0313	.1042	.5980	.0848
.0455	.1003	.6153	.0869
.0563	.0979	.6326	.0892
.0677		.6508	.0917
.0799	.0953	.6680	.0942
.0966	.0924	.6912	.0979
.1089	.0904	.7104	.1012
.1264	.0882	.7286	.1042
.1430	.0863		.1081
.1585	.0847	.7499	.1110
.1720	.0834	.7675	.1140
.1869	.0821	.7847	.1168
.2011	.0809	.8025	.1195
.2116	.0801	.8211	.1223
.2291	.0792	.8413	.1241
.2493	.0782	.8577	
.2745	.0771	.8683	.1253
.2912	.0764	.8845	.1269
.3102	.0759	.9039	.1287
.3276	.0755	.9221	.1298
.3511	.0751	.9376	.1306
.3666	.0749	.9468	.1310
.3836	.0748	.9609	.1311
.4003	.0749	.9686	.1309
.4003	.0750	.9793	.1306
.4202 .4401	.0754	.9873	.1303
•44UI .	.0174	1.0000	.1306
			+

#### TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(e) 
$$\frac{y}{b/2} = 0.4024$$

Upper surface				
x'/c'	z*/c*	x'/c'	z'/c'	
0.0000	0.1411	0.4528	0.1932	
.0005	.1445	.4690	.1929	
.0024	.1495	.4810	.1925	
.0050	.1535	•4992	.1919	
.0103	.1589	.5141	.1914	
.0179	.1638	•5352	.1905	
.0260	.1673	• 5534	.1895	
•0369	.1705	.5710	.1885	
.0467	.1728	.5926	.1871	
.0592	.1756	.6120	.1857	
.0732	.1780	.6333	.1840	
.0836	.1795	.6546	.1822	
.0982	.1816	.6688	.1808	
.1139	.1835	.6840	.1795	
.1315	.1852	.6989	.1780	
.1498	.1868	.7176	.1759	
.1633	.1877	.7350	.1739	
.1766	.1886	•7537	.1715	
.1972	.1899	.7677	.1697	
.2103	.1907	.7830	.1676	
.2225	.1913	•7979	.1654	
.2362	.1919	.8164	.1628	
.2510	.1925	.8316	.1605	
.2715	.1932	.8484	.1580	
.2863	.1936	.8679	.1548	
.2979	.1938	.8820	.1527	
.3147	.1941	.8970	.1503	
.3280	.1942	.9200	.1464	
-3399	.1943	•9334	.1442	
-3554	.1943	•9504	.1412	
.3746	.1944	.9629	.1390	
.3896	.1942	.9743	.1371	
.4034	.1942	.9859	.1352	
.4211	.1939	•9951	.1337	
.4369	.1936	•9999	.1324	



TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(f) 
$$\frac{y}{b/2} = 0.5950$$

x'/c'	z'/c'	x'/c'	z'/c'
0.0001	0.1880	0.4923	0.2395
.0010	.1924	•5131 ·	.2390
.0031	<b>.</b> 1969	.5276	.2384
.0091	•2034	.5476	.2376
.0188	.2090	.5681	.2366
.0325	.2134	.5901	.2354
.0453	.2169	.6102	.2343
.0602	.2201	.6294	.2330
.0758	.2227	.6501	.2316
.0846	.2241	.6705	.2298
.0973	.2261	.6921	.2278
.1111	.2281	.7100	.2259
.1296	.2302	.7307	.2239
.1420	.2313	.7504	.2213
.1568	<b>.2</b> 328	.7687	.2196
.1769	.2345	.7865	.2173
.1959	•2359	.8096	.2141
.2233	.2376	.8313	.2111
.2397	.2384	.8570	.2072
.2654	.2394	.8769	.2043
.2844	.2400	.8994	.2005
.3111	.2405	.9170	.1978
•3309	.2407	•9379	.1943
-3527	.2409	.9482	.1925
.3684	.2410	.9634	.1899
.3851	.2410	.9776	.1875
.4014	.2410	.9924	.1852
.4267	.2408	i.0000	.1834
.4448	.2405	1.0000	.1802
.4612	•2403		





TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(f) 
$$\frac{y}{b/2}$$
 = 0.5950 - Concluded

lower surface			
x*/c*	z'/c'	x'/c'	z'/c'
0.0000	0.1841	0.4909 .	0.1284
.0007	.1796	.5064	.1292
.0021	.1763	•5259	.1303
.0055	.1715	•5473	.1317
.0128	.1653	•5726	.1338
.0229	.1601	.5891	.1353
.0332	•1559	.6059	.1373
.0476	.1518	.6210	.1392
.0644	.1477	.6329	.1408
.0851	.1438	.6503	.1.432
.0961	.1421	.6689	.1462
.1157	.1394	.6827	.1483
.1318	.1374	.6970	.1506
.1498	.1354	.7164	.1538
.1692	.1335	•7329	.1564
.1856	.1321	•7569	.1609
.2033	.1307	•7723	.1634
.2223	.1294	.7879	.1659
.2433	.1284	.8015	.1681
.2590	.1278	.8200	.173.0
.2789	.1271	.8446	.1742
•2993	.1273	.8721	.1773
.3142	.1261	.8935	.1793
•3347	.1259	•9146	.1807
.3578	.1257	•9373	.1816
.3788	.1258	.9567	.1816
.4021	.1259	.9675	.1814
.4233	.1262	•9775	.1811
.4459	.1267	•9920	.1803
.4692	.1275		-

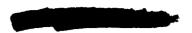


TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(g) 
$$\frac{y}{b/2} = 0.7750$$

x'/c'	z'/c'	x'/c'	z'/c'
0.0000	0.2441	0.4583	0.3010
.0004	.2485	.4867	.3005
.0012	•2515	<b>.</b> 5081	.3000
.0090	•2621	.5366	.2992
.0169	.2670	.5644	.2982
.0283	.2715	•5936	.2968
.0454	.2750	.6245	.2951
•0630	.2794	.6501	.2935
.0836	.2828	.6764	.2916
.1042	.2859	.7062	.2889
.1302	.2890	.7308	.2861
.1521	.2913	•7509	.2844
.1707	.2930	•7757	.2815
.1816	.2940	.7987	.2785
.1955	.2949	.8175	.2757
.2130	.2963	.8371	.2730
.2241	.2970	.8481	.2714
<b>.</b> 23 <b>9</b> 5	.2978	.8640	.2690
.2618	.2987	.8809	.2664
.2764	.2993	.9077	.2623
.3037	.3002	.9249	.2594
.3241	.3006	.9436	.2563
•3359	.3010	<b>.9</b> 610	.2534
.3629	.3012	.9771	.2508
.3835	.3013	.9946	.2474
.4104	.3014	1.0000	.2456
.4331	.3012		

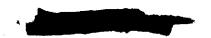


TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(g)  $\frac{y}{b/2}$  = 0.7750 - Concluded

x'/c'	z'/c'	x'/c' .	z'/c'
0.0001	0.2426	0.4668	0.1932
•0036	.2338	.4891	.1942
.0078	.2291	•5134	.1956
.0160	.2240	•5359	.1971
.0262	.2201	•5577	.1988
.0358	.2169	•5801	.2008
.0480	.2135	.6008	.2031
.0624	.2104	.6256	.2065
.0789	.2072	.6486	.2097
<b>.098</b> 8	.2042	.6669	.2124
.1162	.2021	.6848	.2151 .2199 .2236 .2285
.1389	.1996	•7152	
.1529	.1983	<b>.736</b> 5	
.1734	.1966	.7646	
.1895	.1956	•7891	.2322
.2079	.1946	.8139	.2357
.2321	<b>.</b> 1 <b>9</b> 35	.8364	.2384
.2504	.1927	.8595	.2410
.2760	.1920	.8849	.2435
.2922	.1918	.9063	.2448
•3094	.1916	.9229	.2453
•3306	.1912	.9405	.2456
•35 <sup>4</sup> 7	.1911	•9590	.2453
•3772	.1911	.9727	.2448
<b>.</b> 3996	.1913	.9862	.2442
.4273	.1920	1.0000	.2441
.4495	.1926		

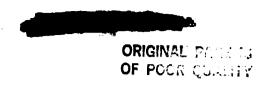


TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(h) 
$$\frac{y}{b/2} = 0.9127$$

Upper surface				
x'/c'	z'/c'	x'/c'	<b>z'/c'</b>	
0.0000	0.3045	0.4680	0.3629	
•0005	.3097	.4941	.3625	
.0037	.3166	.5276	.3621	
.0098	.3233	-5574	.3613	
.0158	.3274	.5891	.3602	
.0258	.3319	.6122	.3591	
.0412	.3367	.6354	.3580	
.0608	.3410	.6670	.3562	
.0849	.3447	.6976	.3543	
.1004	.3467	.7248	<b>.35</b> 22	
.1220	.3492	•7533	.3503	
.1389	.3509	<b>.</b> 7881	.3463	
.1680	•3535	<b>.</b> 8096	.3437	
.1768	.3542	.8298	.3411	
.1955	•3555	.8612	.3364	
.2138 .2342	.3568	.8819	.3336	
		.3580	.9102	.3291
.2639	•3595	•9293	.3263	
.2918	.3606	.9450	.3236	
•3233	.3614	.9556	.3219	
•3506	.3620	.9682	.3199	
.3787	.3624	.9841	.3174	
.4096	.3626	.9946	•3153	
.4378	.3629	.9998	.3140	



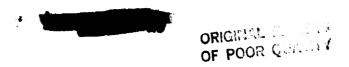


TABLE III.- FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(h) 
$$\frac{y}{b/2} = 0.9127 - Concluded$$

Lower surface					
x¹/c'	z'/c'	x'/c'	z'/c'		
0.0006	0.3041	0.4534	0.2606		
.0015	.3012	.4803	.2618		
.0055	.2959	.5081	.2634		
.0093	.2922	•5298	.2648		
.0146	.2890	.5586	.2672		
.0243	.2847	.5866	.2700		
.0395	.2795	.6144	.2733		
.0563	.2754	.6409	.2768		
.0770	.2719	.6668	.2802		
.0981	.2692	.6957	.2849		
.1149	.2675	.7227	.2889		
.1434	.2648	.7523	.2956		
.1632	•2631	.7819			
.1870	.2618	.8058	.3005 .3056		
.2083	.2606	.8298			
.2270	.2598	.8596	.3071		
-2590	.2589	.8816			
.2831	.2585	•9039	.3121 .3132		
.3053	.2582	.9225	.3132		
•3337	.2581	.9386	.3140		
.3556	.2582	•9555			
.3780	.2585	.9744	.3135		
.4025	.2589	.9877	.31.23		
.4265	.2597	1.0000	•31. 6 2118		
c' = 15.8923 cm		1.0000	.3118		



TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Continued

(i) 
$$\frac{y}{b/2} = 0.9742$$

Upp	er surface
x'/c'	z'/c'
0.0055	0.4208
.0135	.4307
.0317	.4406
.0520	.4468
.0805	.4531
.0956	.4559
.1172	.4591
.1392	.4614
.1633	.4639
.1758	.4649
.1937	.4663
.2175	.4679
.2475	.4694
.2793	.4706
.3089	.4714
•3393	.4720
.3698	.4725
•3911	.4728
.4221	.4731
.4635 .4999	-4733
.5273	.4731
.5570	.4727
.5760	.4721
.5856	•4717
.6051	•4712 •4703
.6282	.4690
.6663	.4667
.6941	.4647
.7107	.4632
.7356	.4608
.7695	.4571
.7915	.4546
.8221	.4507
.8642	.4451
.8994	.4403
.9258	.4367
.9470	.4340
.9585	.4327
.9770	.4304
.9996	.4261
.9996	.4189
c' = 12.2570 cm (	(4.8256 in.)

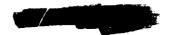
(\_\_



## TABLE III. - FINAL SUPERCRITICAL-WING COORDINATES, LEFT PANEL - Concluded

(i)  $\frac{y}{b/2}$  0.9742 - Concluded

Lowe	r surface
x*/c*	z'/c'
0.0000	0.4111
.0058	.4035
.0158	.3980
.0326	.3926
.0508	. 3884
.0644	.3860
.0819	.3834
.1016	.3808
.1210	.3786
.1409	.3767
.1595	•3751
.1846	.3733
.2088	.3718
.2355	.3704
.2631	.3694
.2972	.3687
.3221	.3685
•3593	.3688
.3936	.3694
.4647	.3728
.4935	.3748
.5226	.3771
.5716	.3821
.6148	.3875
.6567	.3931
.6955	.3991
.7345	.4051
.7704	.4104
.7989	.4141
.8309	.4179
.8530	.4196
.8827	.4215
.9171	.4223
•9393	.4219
.9542	.4212
.9703	.4201
.9876	.4193
1.0000	.4210
c' = 12.2570 cm (4.8	



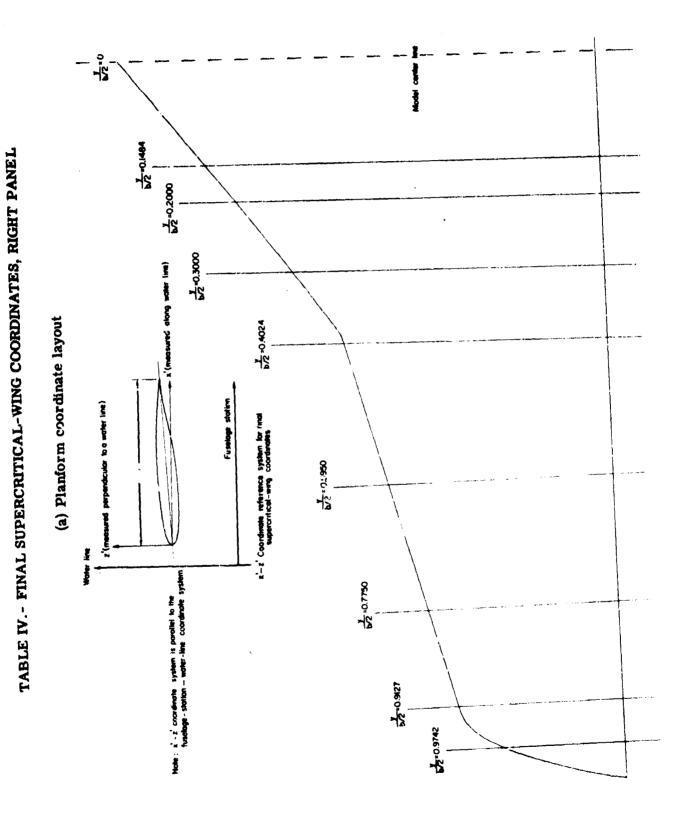
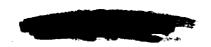




TABLE IV .- FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(b) 
$$\frac{y}{b/2} = 0.1484$$

		Upper sur	face		
x'/c'	z'/c'	x'/c'			
0.0003	0.0988		z'/c'	x'/c'	z'/c'
.0009 .0027 .0059 .0101 .0133 .0173 .0215 .0261 .0328 .0394 .0446 .0488 .0565 .0630 .0717 .0828 .0907 .0991 .1078 .1181 .1259 .1374 .1458 .1601 .1721 .1816 .1905 .2012 .2127 .2223 .2317 .2407 .2528 .2669 .2836 .3015 .3180 .3334 .3465	.1023 .1073 .1126 .1170 .1194 .1221 .1245 .1267 .1295 .1319 .1334 .1346 .1366 .1379 .1396 .1412 .1423 .1434 .1445 .1456 .1465 .1476 .1483 .1493 .1502 .1506 .1514 .1519 .1521 .1523 .1524 .1526 .1527 .1527 .1527 .1527 .1527 .1527 .1522 .1520 (14.8809 in.)	0.3725 .3899 .4040 .4223 .4407 .4593 .4776 .4949 .5146 .5240 .5328 .5445 .5552 .5687 .5785 .5904 .6038 .6142 .6251 .6339 .6377 .6484 .6605 .6783 .6905 .7101 .7187 .7243 .7340 .7453 .7592 .7719 .7823 .7979 .7823 .7979 .7823 .7979 .8096 .8202 .8310 .8441	0.1514 .1508 .1502 .1493 .1482 .1471 .1456 .1441 .1420 .1408 .1397 .1381 .1366 .1346 .1331 .1311 .1288 .1268 .1249 .1231 .1224 .1203 .1176 .1159 .1159 .1139 .1111 .1087 .1069 .1050 .1038 .1017 .0997 .0968 .0942 .0922 .0895 .0878 .0865 .0851 .0834	0.8534 .8641 .8743 .8851 .8967 .9084 .9201 .9303 .9395 .9502 .9584 .9679 .9764 .9816 .9942 .9999 1.0000	0.0823 .0809 .0796 .0781 .0766 .0751 .0735 .0721 .0707 .0690 .0678 .0664 .0650 .0619 .0579 .0600

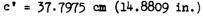


OF POOR QUALITY

TABLE IV .- FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(b)  $\frac{y}{b/2} = 0.1484 - Concluded$ 

x'/c'	z'/c'	x'/c'	z*/c*	x*/c*	z*/c*
0.0000	0.0972	0.3767	0,0110	0.9702	0.0567
.0002	Sc. 0.	.3967	.0106	.9795	.0568
.0010	.0902	.4157	.0104	.9900	.0567
.0019	.0870	.4331	.0103	.9892	.0567
.0034	.0832	.4525	.0103	.9938	.0566
.0060	.0784	.4667	.0102	.9998	.0570
.0098	.0731	.4831	.0102	.9999	.0588
.0163	.0659	.5009	.0103		
.0203	.0624	.5188	.0106		
.0247	.0593	.5388	.0110		
.0320	.0552	•5555	.0115		
.0381	.0525	.5655	.0118	<b>[</b>	
.0481	-0487	.5821	.0126		
.0560	.0461	•5974	.0134		ļ
.0624	. 0441	.6106	.0143	1	
.0713	.0417	.6286	.0155		ļ
.0838	.0387	.6433	.0165	,	
.0929	.0368	.6592	.0178		İ
.1029	.0348	.6803	.0199		
.1101	.0336	.6932	.0213		1
.1205	.0320	.7088	.0232		
.1356	.0297	.7235	.0252		
.1472	.0281	.7404	.0275	İ	Ì
.1606	.0261	.7589	.0303	1	
.1700	.0251	•7733 •7888	.0326		1
.1820	.0238	.7888	.0376	·	
.1880	.0229	.8021	.0404	1	
.1973	.0219	.8173 .8242	.0416		1
.2095	.0199	.8353	.0435		1
.2185	.0199	.8512	.0461		1
.2293 .2419	.0179	.8623	.0477		1
.2564	.0168	.8798	.0499		
.2703	.0159	.8905	.0512		
.2848	.0148	.9049	.0527		1
.2991	.0140	.9185	.0539		
.3157	.0131	.9325	.0550		
.3297	.0134	.9439	.0557		
.3434	.0118	.9501	.0560		
.3622	.0114	.9608	.0564		1



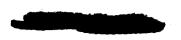
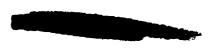


TABLE IV .- FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(c) 
$$\frac{y}{b/2} = 0.2000$$

x'/c'	1	Upper surface	
	z'/c'	x'/c'	
0.0002	0.1031		z'/c'
.0015 .0027	.1085	0.5213	
.0027 .0087	.1112	•5364 ·	0.1459
.0148	.1187	- 5525	.1441
•0218	.1239	.5673	.1422
•0306	.1276	-5847	.1402
.0379	.1315	.6037	.1379
.0455	-1339	.6232	-1348
•0560	.1364	.6355	.1315
•0665	.1390	.6556	.1293
.0764	.1410	.6747	-1255
.0861	-1426	.6924	.1219
.0976	.1439	7058	.1185
.1105	.1453	•7222	.1157
-1227	-1467	•7389	.1127
.1420	-1478	•7560	.1066
.1549	.1495	.7729 .7872	.1036
.1672	•1504	.8016	.1014
.1810	•1511	.8138	.0994
.1893	.1520	.8238	.0978
.2024	.1524	.8344	.0965
.2229	-1531	.8490	.0951
.2372	•1537 •1543	.8650	. 0933
•2565	.1547	.8773	.0913
.2797	.1551	.8917	.0897
·3056	.1552	9042	-0878
·3305 ·3475	.1552	•9197	-0863
.3635	.1551	•9313	.0842
.3842	.1549	.9459	.0827
.4034	-1544	•9584	.0805
.4247	.1539	•9695	.0785
.4453	•1531	•9775	.0768
.4661	.1521	.9852	.0756
4847	-1510	-9969	.0743
5068	-1496	.9999 1.0000	.0720
7.	.1473	±.0000	.0689 .070 <b>9</b>
= 35.0441 cm (	13.7960 in )		• • • • • • • • • • • • • • • • • • •



# TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(,>

(c)  $\frac{y}{b/2} = 0.2000 - Concluded$ 

111/		L	ower surface		
x'/c	z'/c'	x*/c*	1		
0.000		0.4048	z'/c'	x¹/c¹	z'/c'
.000	. 1 .09/8	.4172	0.0190	0.8908	
.003		.4318	.0188	.9017	0.0623
•0060	001.0	.4455	.0186	-9114	.0635
.0087 .0126	50802	.4548 .4687	.0185	.9210	.0652
.0156	• • • • • • • • • • • • • • • • • • • •	.4777	.0185	•9286 •9391	-0657
.0237	1 11670	.4895	.0186 .0187	.9490	-0664
.0318 .0401	.0631	•5029 •5196	.0191	.9582	•0668 •0672
.0522	.0599	•5319	.0195	.9666 .9747	.0674
.0558	.0557	.5411	.0199	.9801	-0675
.0628	.0526	-5567	.0203 .0212	-9887	•0675 •0673
.0716 .0828	.0503	•5709 •5824	.0221	•9928 •9962	.0673
•0923	0479	-5956	.0227	.9999	.0672
.1044	.0459 .0436	-6100	.0233 .0241	.9099	.0677
.1159 .1259	.0414	.6227	.0250		.0701
.1327	.0398	.6504	.0261		
.1433	.0388	.6616	•0273 •0284		
.1542 .1658	.0358	.6750 .6879	.0299		1
.1775	.0344	.7053	.0315		
.1897	.0327	-7164	.0340 .0354		
-1970	.0306	•7256	0367		
.2068 .2206	.0295	•7351 •7482	.0380		1
.2339	.0281 .0269	.7669	.0401 .0430		
.2488	.0256	•7798	.0453		1
.2636 .2795	.0245	•7912 •8029	.0473	<b>,</b>	1
2896	.0234	.8109	.0494	1	
3049	.0228	.8199	.0508 .0524		
3190	.0211	.8304 .8395	.0541		ļ
3570	.0205	.8477	.0556	1	1
3751	.0198 .0195	.8603	.0568 .0586	1	1
3894	.0192	.8710 .8808	.0600		
- 36 old	l cm (13.7969 i		.0612		1

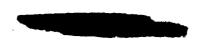


TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(d) 
$$\frac{y}{b/2} = 0.3000$$

Upper surface				
x'/c'	z'/c'			
0.0007		x'/c'		
.0029	0.1178	0.5300	z'/c'	
.0077	.1234	0.5138 ·5306	0.1609	
•0169	.1294	•5457	.1594	
.0256	-1357	•5609	.1582	
•0386	.1395	•5771	.1567	
.0543	.1471	-5957	.1550	
.0657	.1492	.6114	.1530	
•0836	.1521	.6274	.1512	
.0983 .1159	.1542	.6390	.1494	
.1301	.1563	.6557	.1482	
.1482	.1577	.6709	.1462	
.1664	.1593	.6854	.1443	
.1826	.1608	-7080	.1425	
-1989	.1618	.7317	.1397	
.2169	.1627	-7468	.1365	
-2346	<b>.</b> 1635	-7639	•1346	
.2446	.1642	-7786	.1323	
.2567	-1645	•7991	•1302	
.2699	.1649	.8123	.1274 .1257	
-2865	.1652	.8289	.1234	
-3050	.1654	.8451 .8601	.1212	
•3128	.1658	.8751	.1191	
.3237	.1661 .1661	.8916	.1170	
-3422	.1661	.9033	.1147	
3592	.1661	9205	.1131	
3703 3822	.1662	.9366	.1105	
4057	.1661	9456	.1080	
4191	.1658	9527	.1066	
4329	.1656	-9606	1055	
4491	.1653	•9666	.1042	
4683	.1647	•9730	.1032	
1892	.1639	.9814	.1022	
009	.1626	.9944	-1008	
	.1619	•9999	.0981	
= 29.9225 cm (J	130	1.0000	•0966 •0941	

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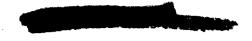


TABLE 1V.- FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(d)  $\frac{y}{b/2} = 0.3000 - Concluded$ 

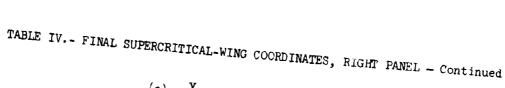
		Lower	surface		
x¹/c¹	z'/c'	x*/c*	<b>z'</b> /e'	x'/c'	z¹/c¹
0.0000	0.1168	0.4795	0.0423	0.9216	0.0916
.0001	.1132	.4921	.0427	.9338	.0923
.0006	.1098	.5030	.0431	.9435	.0927
.0015	.1061	.5161	.0436	.9525	.0930
.0035	.1018	.5283	.0441	.9614	.0932
.0061	.0980	.5396	.0446	.9714	.0932
.0111	.0928	•5534	.0451	<b>.978</b> 2	0932
.0148	.0899	.5676	.0460	.9877	.0931
.0195	.0869	.5786	.0467	•9939	.0930
.0285	.0825	•5925	.0477	•9997	.0933
.0392	.0786	.6046	.0487	.9998	.0953
.0467	.0762	.6171	.0499		
.0544	.0738	.6280	.0509		
.0716	.0703	.6408	.0522		
.0821	.0680	.6540	.0539		ĺ
.0933	.0660	.6655	.0555		
.1079	.0635	.6767	.0570		1
.1245	.0610	.6845	.0580		1
.1427	.0584	.6939	.0594		
.1588	.0560	.7047	.0610		
.1820	.0533	.7151	.0625		
.1982	.0516	.7274	.0644		
.2120	.0499	.7390	.0664		
.2336	.0481	.7480	.0678		
.2543	.0467	.7587	.0697		
.2640	.0459	.7689	.0714		
.2777	.0452	•7795	.0733		1
.2955	.0442	.7891	.0749		1
.3110	.0436	.8014	.0770		1
.3290	.0428	.8126	.0787		1
.3483	.0423	.8291	.0813		
.3679	.0418	.8424	.0832		
.3863	.0414	.8565	.0851		1
.4035	.0412	.8677	.0865		}
.4191	.0412	.8759	.0875		
.4312	.0413	.8894	.0889	1	
.4478	.0415	.9008	.0899		
.4635	.0419	.9105	.0908		1



TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

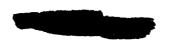
(e) 
$$\frac{y}{b/2} = 0.4024$$

x'/c'	Upper surface		
4 /0	z'/c'		<del></del> -
0.0000		x'/c'	1
.0004	0.1387		z'/c'
-0019	.1421	0.4749	0.1911
.0059	.1471	.4929	0.1911
•0143	•1533	•5089	-1905
-0234	.1603	-5259	.1900
•0356	.1650	•5446	.1892
.0493	.1691	.5649	.1883 .1871
•0572	•1727	-5829	.1860
•0691	.1745	.6041	1846
.0873	.1766	.6226	
-1034	.1793	•6396	.1833
.1228	.1813	.6564	.1819
.1438	-1834	.6726	1804
•1607	.1851	.6944	•1790
-1739	.1864	•7134	.1767
-1873	.1874	•7305	.1748
-2058	.1883	•7526	.1729
-2228	.1894	•7725	·1702
-2328	.1902	-7893	.1676
.2466	.1907	-8099	.1654
-2638	.1912	8240	•1625 •1604
.2830	1919	-8405	
-2992	.1923	8582	·1579
-3166	-1925	.8754	•1552
•3364	-1928	.8956	•1524
-3538	•1928	•9158	.1491 .1457
-3689	1928	•9298	•1457 •1435
•3847	•1928	.9445	•1435 •1409
4001	•1927	•9577	
4162	•1925	•9704	•1388 1367
•4367	.1924	•9798	.1367
4549	.1919	.9939	•1350 •1322
- 05 -0	-1917	1.0000	
= 25.1877 cm (	9.9164 3-1	1.0060	•1307 •1283



(e) 
$$\frac{y}{b/2} = 0.4024$$
 - Concluded

x'/c'	L	ower surface	
x./c.	z'/c'		
0.0002		x'/c'	1 ./ -
•0013	0.1363	0.100	z'/c'
•0028	.1316	0.4219	0.0727
•0055	.1277	•4393 ·	.0730
.0115	-1232	•4527	.0733
.0165	.1166	-4698	.0737
.0214	.1130	-4887	.0746
•0289	.1102	-5074	.0754
•0363	.1068	•5229	.0762
.0443	-1040	•5423	.0775
•0506	.1014	•5574	.0787
•0587	.0997	•5713	.0799
•0667	.0975	•5851	.0812
.0729	.0954	.6020	.0830
•0869	.0941	.6156	.0846
•0978	.0914	.6342	.0870
•1103	.0894	<b>.</b> 6508	.0892
.1213	.0875	.6677	.0916
•1323	.0859	.6863	.0944
•1463	.0844	•7028	.0971
·1576	.0828	.7187	.0998
.1696	.0816	•7359	.1028
.1805	.0806	•7547	.1060
.1920	.0796	7683	.1083
.2042	.0788	•7859	.1113
-2194	.0780	·8039	.1141
-2303	.0771	.8195 .8360	.1164
.2447	.0765	.8544	1187
-2552	.0758	.8751	.1210
.2669	.0753	.8951	1232
-2772	.0748	.9128	.1250
-2882	.0744	•9290	.1263
•3056	.0741	.9427	.1274
-3276	.0735	•9 <del>5</del> 95	.1279
•3500	.0730	•9695	.1282
3687	.0727	.9841	.1282
3801	.0725 .0724	.9897	.1278
4009	030-	•9999	.1277
= 25.1877 cm (9	.0725	•9998	.1279
= energy cm (d	0.9164 in 1	• 2230	.1307

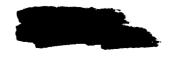


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TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(f) 
$$\frac{y}{b/2} = 0.5950$$

Upper surface				
	z'/c'			
0.0001	0.106	x'/c'		
•0007	0.1867	0 1/21/2	z'/c'	
•0023	1904	0.4747	0.2368	
.0059	-1946	•5086		
.0116	•1994	•5357	.2359	
•0202	•2039	-5631	•2349	
•0311	-2084	•5918	.2336	
.0411	-2120	.6143	•2322	
.0539	-2145	.6409	.2309	
•0644	•2173	.6646	.2292	
.0773	.2193	•6896	.2272	
.0876	.2215	•7090	.2249	
.1034	.•2230	•7339	.2230	
.1243	•2251	•7632	•2202	
-1477	•2276	•7881	•2167	
.1670	•2297	.8082 .8305	.2135 .2110	
-1892	•2312		.2077	
-2113	•2329	.8495 .8692	·2071	
•2322	•2343	.8933	•2022	
-2538	•2353		•2022 •1987	
.2863	·2363	•9131	•1956	
•3097	•2371 •2376	•9309 •9506	.1928	
•3330 •3524	.2379	•9613	.1897	
	.2380	•9732	.1879	
•3718 •3973	·2300 •2381	•9839	.1858	
·4206	2380	•9947	.1839	
.4439	.2377	1.0000	.1821	
		•9998	.1799	
= 21.6931 cm (	9 51 6	• >>>0	.1771	
-752 Cm (8	0.5406 in.)		111	





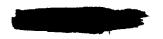
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TABLE IV.- FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(f)  $\frac{y}{b/2} = 0.5950 - \text{Concluded}$ 

x'/c'	Lo	wer surface	
	z'/c'		
0.0000	0.1866	x'/c'	z'/c'
•0005	.1823	0.4474	1 70
.0019	.1773	.4593	0.1237
.0074	.1678	.4785	.1238
.0157	.1608	.4944	.1246
.0214	.1577	.5123	.1253
.0344	.1517	-5357	.1262
.0437	.1485	.5565	.1278
.0554	.1451	5744	.1293
.0679	.1424	•5902	.1309
•0833 •0968	.1394	.6212	.1324
.1082	.1371	.6385	.1361
•1203	•1356	.6554	.1383
•1326	.1342	.6750	-1408
.1495	.1329	.6934	.1438
.1608	.1311	•7147	.1469
.1777	.1299	•7367	.1503
.1969	.1287	•7579	.1539
.2136	.1275	.7789	.1574
.2304	.1265	•7993	.1608 .1640
•2397	.1258	.8186	.1668
-2539	.1253	.8370	.1693
.2677	.1247	.8558	.1717
2912	.1243	.8725	.1733
•3082	.1236	.8939 .9105	.1754
•3293	.1232	.9284	.1764
.3461	.1230	.9437	.1771
.3610	.1228	.9604	.1772
•3753	.1227	.9712	.1772
• 3954	.1223	.9758	.1769
•4135	.1229	.9857	-1766
4294	.1231	.9914	-1764
	.1531	.9994	.1763
01.6		•9996	.1767
= 21.6931 cm (8	Floor .		.1803

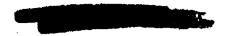


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## TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(g) 
$$\frac{y}{b/2} = 0.7750$$

Upper surface				
x'/c'	z'/c'	x'/c'	z'/c'	
0.0001	0.2450	0.5136	0.295	
.0022	.2520	•5437	.294	
.0051	•2559	.5698	.293	
.0110	.2610	.5990	.292	
.0191	.2656	.6257	.290	
.0341	.2707	.6517	.288	
.0473	.2736	.6732	.287	
.0624	.2766	.7028	.284	
.0842	.2801	.7271	.281	
.1111	.2836	.7464	.279	
.1362	.2862	.7685	.277	
.1546	.2878	•7935	.274	
.1773	.2898	.8160	.271	
.2026	.2915	.8368	.269	
.2316	.2930	.8566	.2667	
.2648	.2940	.8814	.2636	
.3000	.2947	.9108	.2598	
.3279	.2953	.9291	.2579	
.3588	.2957	.9526	.2542	
.3859	.2959	.9703	.2516	
·4138	.2960	.9845	.2494	
-4435	.2960	.9917	.2482	
.4721	.2957	.9999	.2429	
-4964	.2953	1.0000	.2459	

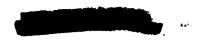


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TABLE IV.- FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(g) 
$$\frac{y}{b/2}$$
 = 0.7750 - Concluded

		surface	<del></del>
x'/c'	z'/c'	x*/c*	z'/c'
0.0000	0.2422	0.5030	0,1908
.0016	.2362	.5271	.1923
.0059	.2292	<b>.</b> 550 <b>7</b>	.1940
.0137	.2226	.5696	.1958
0247	.2172	.5948	.1983
.0345	.2129	.6106	.2003
.0557	.2072	.6301	.2029
.0674	.2046	.6548	.2063
.0830	.2015	.6838	.2104
.1017	.1987	.7060	.2137
.1198	.1967	.7310	.2179
.1347	.1951	.7581	.2225
.1513	.1933	.7798	.2260
.1731	.1919	.7982	.2291
.2002	.1903	.8231	.2329
.2241	.1892	.8420	.2356
.2472	.1883	.8676	.2387
.2653	.1879	.8857	.240
.2896	.1875	.9070	.2422
.3064	.1872	.9209	.2428
.3229	.1870	.9346	.2431
.3447	.1868	.9473	.2432
.3666	.1868	.9614	.243
.3872	.1870	.9740	.242
.4131	.1874	.9856	.242
.4342	.1879	.9993	.2430
4557	.1886	.9993	.246
.4770	.1895	_	1

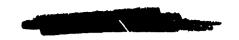


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## TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(h) 
$$\frac{y}{b/2} = 0.9127$$

Upper surface				
x'/c'	z'/c'	x'/c'	z'/c'	
0.0003	0.3034	0.5251		
.0013	.3080		0.3560	
.0043	.3132	•5547	•3553	
.0103	.3185	.5822	•3547	
.0258	.3261	.6133	•3535	
· Off 1/1	.3201	.6490	.3518	
.0703		.6738	.3501	
.1003	.3366	.7108	.3472	
.1273	.3412	•7389	.3434	
.1565	.3442	.7610	.3419	
.1835	.3467	.7940	.3387	
.2018	.3490	.8210	•3357	
.2248	-3504	.8465	.3331	
.2573	•3518	.8710	.3302	
	•3533	.8883	.3281	
.2921	-3545	.9026	.3264	
•3351	•3557	.9174	.3245	
.3696	<b>.</b> 3562	.9382	3220	
.4040	.3567	.9449		
<b>.</b> 4268	.3567	.9666	.3213	
-4499	.3568	.9821	.3186	
.4640	.3568	.9971	.3158	
-4906	.3566	1.0000	.3130	
' = 15.8120 cm		1.0000	.3122	



#### ORIGINAL PAGE TO OF POOR QUALITY

TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(h) 
$$\frac{y}{b/2} = 0.9127 - Concluded$$

x'/c'	<b>z'</b> /c'	x'/c'	z'/c'
0.0000	0.3031	0.5424	0.2620
.0011	.2980	.5662	.2641
.0040	.2528	•5936	.2667
.0104	.2869	.6220	.2697
.0184	.2822	.6458	.2727
.0302	.2775	.6718	.2764
.0486	.2729	.7007	.2806
.0690	.2691	.7208	.2837
.0945	.2650	•7430	.2878
.1261	.2613	.7661	.2916
.1523	.2591	.7846	.2950
.1784	.2572	.8036	.2983
.1956	.2566	.8188	.3006
.2228	.255h	.8416	.3040
,2541	.2545	.8618	.3065
.2783	.2541	.8761	.3080
•3107	.2537	.8945	.3095
-3427	.2538	<b>.9</b> 125	.3105
. 3654	.2540	•9321	.3110
-3918	.2546	.9469	.3110
.4210	.2553	.9670	•3 <u>1</u> 05
.4502	.2563	.9809	.3095
•4778	•2575	•9951	.3091
•5980	.2594	•9935	.3092



ORIGINAL FRANCES

TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Continued

(i) 
$$\frac{y}{b/2} = 0.9742$$

Upper	surface
x'/c'	z'/c'
0.0014	0.4063
.0112	.4147
.0280	.4221
.0483	.4276
.0713	.4318
.0975	.4354
.1279	.4389
.1579	.4420
.1951	.4449
.2334	.4475
.2615	.4491
.2894	.4507
.3220	•4523
.3536	.4536
.3931	.4548
•4385	•4555
.4749	.4557
•5115	.4556
•5453	.4552
.5823	.4543
.6212	.4528
.6567	.4508
.6864	.4488
.7223	.4458
.7627	.4421
.7930	• 4393
.8318	.4350
.8527	•4325
.8794	.4293
.9015	.4266
•9385	.4217
•95 <sup>4</sup> 7	.4199
.9679	.4181
.9931	.4130
1,0000	.4106
c' = 12.4437 cm (4.89	91 in.)

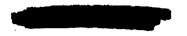


TABLE IV. - FINAL SUPERCRITICAL-WING COORDINATES, RIGHT PANEL - Concluded

(i) 
$$\frac{y}{5/2}$$
 = 0.9742 - Concluded

Lower surface	
<b>x'</b> /c'	z*/c*
0.0000	c.4032
.001,5	.3981
.0063	.3918
<b>.02</b> 02	.3854
.0428	.3794
.0651	.3751
.0782	•3731
.1019	.3702
.1385	.3662
.1690	. 3639
.2010	.3617
.2276	.3600
.2596	.3590
.2816	.3585
.3005	•3577
•3299	.3574
.361o	.3577
•3909	.3583
.4103	.3588
.4385	.3600
.4605	.3611
.5002	.3636
.5461	.3671
.5777	.3701
.6075	•3732
.6326	.3765
.6622	.3807
.6894	.3850
.7120	.3886
.7328	.3921
.7597	.3963
.7928	.4005
.8189	.4043
.8410	.4064
.8715	.4083
.8880	.4091
.9047	.4095
.9115	.4095
.9330	.4095
.9540	.4086
.9749	.4075
.9845	.4070
.9994	.4076
	• 4010



( ,



# TABLE V.- CONFIGURATION SCHEDULE

$\delta_{a,R}^{i}$ , deg $\delta_{a,L}^{i}$ , deg $\delta_{n}^{i}$ , deg $\delta_{n}^{a}$ $\delta_{n}^{i}$ , deg	g coordinates)			cal-wing configuration (see tables III and IV for wing coordinates)	0 2 0	c <sub>2</sub>	-	0 - 0
	for wing			d IV for		c-2		
δ <sub>e</sub> , deg	see table II	0	0	tables III an	0	0	0	
δ <sub>h</sub> , deg	onfiguration (	0	0	guration (see	c-2	-2	-2	
boundary-layer trip location, xT/c	ercritical-wing configuration (see table II for wing coordinates)	0.29 and 0.05	.29	itical-wing config	0.05	.05	.05	
L.E. glove	Initial super	Off	Off	upercr	ő	ő	o	
Nacelles and pylons	Init	o	Off	Fial supercritic	ő	ő		
Model configuration number		1	63		123	623	125	

<sup>a</sup>See figure 1(b).

bSee figure 1(h).

<sup>c</sup>Configuration parameter investigated.

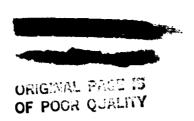


TABLE VI.- TUNNEL TEST CONDITIONS

number gurations) <sup>a</sup>	per ft		1 1 1	$3.9 \times 10^6$	3.8	3.8	3.7	3.6	3.5	3.2	1 1 1 1 1 1 1 1 1	 	
Reynolds number (initial configurations) <sup>a</sup>	per m	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$12.8\times10^{6}$	12.5	12.5	12.1	11.8	11.5	10.5	; ; ;		
number urstions)a	per ft	$4.0 \times 10^6$										2.2	
Reynolds number (final configurations) <sup>a</sup>	per m	$13.1\times10^{6}$									-	7.2	
Temperature	Ь	120										<b>-</b>	
Tempe	K	322										-	
Mach		0.900	.875	.850	.825	.800	.775	.750	.70	09:	.50	.25	

<sup>a</sup>See table V.



OF Entry

TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1.  $x_{T/c} = 0.29$ 

(a) M = 0.60

 $\alpha = -1.07^{\circ}$ ;  $C_{L} = -0.030$ 

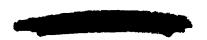
		STATION	-148 STA	TION	-402	STATEO	N .595	STATIO	N .775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFACE	E			
X/L	CP	X/C	CP X	/C	CP	x/C	CP	X/C	CP	X/C	CP
-731	679	0.000	.989 0.00	. 00	988	0.000	. 96 1	0.000	.926	0.000	.902
.747	919	-010	.086 .04	. 60	665	.010	-107	-010	.222	-010	.292
.763	580	.030 -	.341 .0	9	030	.030	501	.030	442	.030	368
.778	394	•050 <b>–</b>	.350 .0.		242	.050	405	-050	435	.050	351
. 794	220	-100 -	.418 .0	25	284	-100	371	.100	373	- 100	294
.810	117	-180 -	.391 .0	so	335	.180	339	-180	329	-180	258
.825	009	.300 -	.215 .09		427	.300	351	.300	328	- 300	273
.841	.049	.350 -	.168 .1		36 9	. 350	310	-350	296	.350	253
.857	- 104	.400 -	.127 .13		354	-400	321	•400	304	-400	273
.873	.134	<b>.450</b> −.	.107 .10		309	-450	332	-450	310	-450	249
.888	- 142	• <b>5</b> 00 -	.120 .29	0	322	. 500	334	-500	328	.500	277
		-550 -	.179 .30		305	.550	338	.550	328	-550	277
		-600 -	.300 .39		290	-600	345		309	.600	257
		-650 -	.444 .40		300	.650	329		285	.650	247
		.700 -	.588 .49	io:	314	.700	277		254	.700	239
		.750 -	.679 .50		338	.750	250	• • • • • • • • • • • • • • • • • • • •			
		.850 -	.526 .5		353	-850	120				
		-950 -	.204 .60		369	.950	.043				
			.69		351						
			.70		334						
			.80		235						
			.90		082						
			.95		017						
			0.00		000						

# WING LOWER SURFACE

x/C	CP	K/C	CP	X/C	CP	X/C	CP	x/C	CP
.005	.516	.005	. 392	.005	. 302	.005	.103	- 005	-126
.025	044	.025	569	.025	618	.025	505	- 025	603
.050	250	.050	631	.050	676	.050	648	-050	620
.100	453	-100	609	. 100	588	-100	576	.100	497
.180	536	.120	600	.180	525	-180	478	- 180	423
.300	534	.180	537	.400	432	. 300	460	.300	357
-400	466	- 250	488	.500	416	.400	396	-400	354
.500	456	.300	543	•600	374	.500	386	-500	349
.600	390	.400	463	.650	233	.600	319	-600	285
-650	302	•500	448	.700	105	-650	200	-650	200
.700	217	.600	376	.750	.015	.700	088	.700	087
. 750	095	.650	262	-800	.115	*100	- 1000	*100	007
.800	-018	.700	141	-900	.221				
.900	-114	. 750	~.006	.950	.236				
.950	.114	-800	-084	• 770	. 236				
.,,,	•••	-850	.125						
		•900	.197						
		-950	.223						

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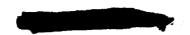
(a) M = 0.60 - Continued

 $\alpha = -0.06^{\circ}$ ;  $C_{L} = 0.074$ 

		STATIO	N -148	STATIO	N -402	STATIO	N .595	STATION	.775	OITATE	N -913
FUS	ELAGE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	707	0.000	-901	0.000	.987	0.000	-980	0.000	.969	0.000	.933
.747	909	-010	150	.003	. 504	.010	169	-010	.016	-010	.051
. 763	580	.030	575	.010	254	.030	812	•030	736	-030	619
.778	386	-050	535	<b>. 0</b> 20	436	.050	575	-050	581	-050	495
. 794	220	-100	546	• 025	612	.100	509	-100	511	-100	408
.810	115	-180	488	- 030	592	.180	424	-180	421	.180	338
.825	010	- 300	268	•050	598	.300	371	.300	369	-300	304
.841	-049	- 350	210	.100	488	.350	-+359	.350	369	.350	280
.857	-108	.400	164	.120	~.463	-400	363	-400	355	-400	309
.873	-135	-450	131	-180	390	.450	365	-450	354	-450	278
.888	-152	• 50 0	149	-250	364	.500	371	.500	358	.500	306
		-550	202	. 300	345	•550	371	-550	356	•550	300
		.600	3?1	.350	342	.600	376	-600	338	-600	284
		-650	466	-400	341	.650	353	-650	306	-650	269
		- 700	603	. 450	364	.700	304	-700	281	.700	264
		. 750	682	- 500	377	. 750	266				
		- 850	527	• 550	383	.850	130				
		-950	203	-600	392	•950	.038				
				-650	367						
				.700	350						
				.800	248						
				.900	083						
				.950	.020						
				0.000	0.000						

X/C	CP	x/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	•654	-005	.576	- 005	.507	.005	-404	.005	-296
.025	-105	. 025	341	-025	331	-025	277	.025	318
.050	125	.050	427	.050	446	-050	430	.050	419
-100	352	-100	506	- 100	463	.100	449	-100	396
180	471	-120	458	. 180	426	-180	386	.180	344
-300	472	-180	~.452	-400	384	.300	401	.300	316
-400	422	.250	432	- 500	376	.400	360	-400	317
.500	424	.300	475	-600	349	-500	355	-500	319
.600	366	.400	426	-650	212	.600	298	-600	263
-650	289	-500	422	-700	089	-650	184	-650	180
- 700	202	.600	355	.750	. 021	.700	074	.700	072
.750	093	-650	247	- 800	.125				
-800	-023	.700	130	- 900	.226				
-900	.115	.750	-004	• 950	.243				
-950	.113	.800	.089						
	= -								





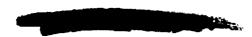
(a) M = 0.60 - Continued

 $\alpha = 0.94^{\circ}; C_{L} = 0.174$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			HING UPPER SURFACE		
X/L CP .731690 .747917 .763574 .778388 .794219 .810108 .825003	X/C CP 0.000 .816 .010363 .030741 .050777 .100683 .180583 .300324	X/C CP 0.000 .966 .003 .298 .010508 .020802 .025890 .030923	X/C CP 0.000 .953 .010386 .030 -1.061 .050819 .100614 .180479 .300432	X/C CP 0.000 .976 .010211 .030958 .050786 .100615 .180505 .300422	X/C CP 0.000 .937 .010158 .030784 .050687 .100502 .180369 .300352
.841 .053 .857 .111 .873 .138 .888 .156	.350255 .400197 .450164 .500172 .550218 .600338 .650470 .700609 .750689 .850522 .950204	.100632 .120591 .180446 .250431 .300399 .350393 .400387 .450395 .500410	.350417 .400411 .450406 .500403 .550394 .600395 .650365 .700317 .750277 .850133	.350413 .400397 .450387 .500389 .550380 .600355 .650326 .700290	.350333 .400344 .450310 .500329 .550323 .600303 .650284 .700277
	. 770204	.650318 .700360 .800250 .900081 .950 .016	<b>-950 -033</b>		

CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.735	.005	-711	- 005	.689	.005	-578	.005	.506
.219	.025	123	-025	142	-025			125
048		283						306
237				-				275
			• 180	342	.180	319	•180	277
423	. 180	349	- 400	343	-300	335	-300	283
392	-250	373	-500	341				282
390	. 300	418	-600	325	•500	321	<b>-500</b>	288
350	- 400	374	-650	189	.600	273	-600	240
264	- 500	384	.700	074		- 165		163
181	-600	333		-037				059
076					• • • • •			,
			_					
.036	. 700	115	. 900	.230				
-124	-750	-015	-950	-243				
• • • •								
	- 850	• L34						
	-900	- 208						
	• 750	• 221						
	.735 .219 048 237 395 423 392 390 350	.735 .005 .219 .025048 .050237 .100395 .120423 .180392 .250390 .300350 .400264 .500181 .600076 .650 .036 .700 .124 .750	.735 .005 .711 .219 .025123048 .050283237 .100355395 .120352423 .180349392 .250373390 .300418350 .400374264 .500384181 .600333076 .650225 .036 .700115 .124 .750 .015 .121 .800 .101	.735 .005 .711 .005 .219 .025123 .025048 .050283 .050237 .100355 .100395 .120352 .180423 .180349 .400392 .250373 .500390 .300418 .600350 .400374 .650264 .500384 .700181 .600333 .750181 .600333 .750076 .650225 .800 .036 .700115 .900 .124 .750 .015 .950 .121 .800 .101	.735	.735	.735	.735





# (a) M = 0.60 - Continued

 $\alpha = 1.96^{\circ}$ ;  $C_{L} = 0.276$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731705 .747918 .763572 .778382 .794216 .810111 .825010 .841 .047 .857 .107 .873 .130 .888 .153	X/C CP 0.000 .696 .010589 .030935 .050990 .100847 .180700 .300390 .350303 .400236 .450198 .500198 .550250 .600351 .650489 .700616 .750679 .850510 .950188	X/C CP 0.000 .894 .003 .07C .010814 .020 -1.127 .025 -1.184 .030 -1.259 .050 -1.025 .100780 .120650 .180539 .250498 .300460 .350440 .400427 .450431 .500431 .600438 .650398 .700375 .800253 .900083 .950 .020 0.000 0.000	X/C CP 0.000 .926 .010612 .030 -1.339 .050 -1.147 .100718 .180596 .300501 .350471 .400452 .450443 .500435 .550422 .600416 .650385 .700325 .750273 .850126 .950 .043	X/C CP 0.000 .952 .010483 .030 -1.271 .050 -1.046 .100705 .180609 .300466 .350447 .400430 .450420 .500408 .550408 .550372 .650336 .700303	X/C CP 0.000 .917 .010321 .030 -1.066 .050852 .100573 .180451 .300407 .350377 .400378 .450344 .500359 .550348 .600326 .650307 .700291

				W. 10 CO.	TEN SUNFAC	, E			
X/C -005 -025 -050 -100 -180 -300 -400 -500 -700 -750 -800 -900	.803 .301 .028	X/C .005 .025 .050 .100 .120 .180 .250 .400 .650 .700 .750 .850 .850	CP -820 -060 -137 -243 -263 -262 -293 -356 -338 -305 -215 -102 -102 -100 -148 -209	X/C -005 -025 -050 -100 -180 -400 -500 -650 -700 -750 -800 -900	CP .754 .008 165 202 270 294 311 304 178 068 .042 .138 .229	X/C •005 •025 •050 •100 •180 •300 •400 •500 •650 •700	CP .712 .098 135 211 234 279 279 279 293 254 156	X/C .005 .025 .050 .100 .180 .300 .400 .500 .600	CP -649 -021 -156 -209 -232 -230 -269 -228 -157 -056
.100 .180 .300 .400 .500 .650 .700 .750 .800	167 336 367 347 364 329 249 176 066 -044	.100 .120 .180 .250 .300 .400 .500 .600 .650 .700 .750 .800	243 263 262 293 356 333 348 305 215 102 100 148	.100 .180 .400 .500 .600 .700 .750 .800	202 270 294 311 304 178 068 .042 .138 .229	.100 .180 .300 .400 .500 .600		.211 .234 .279 .279 .293 .254	.135 .050 .211 .100 .234 .180 .279 .300 .279 .400 .293 .500 .254 .600

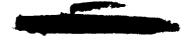


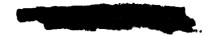


TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(a) M = 0.80 - Continued

 $\alpha = 2.96^{\circ}$ ;  $C_L = 0.378$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			HING UPPER SURFACE	•	
X/L CP .731672 .747921 .763579 .778382 .794219 .810114 .825010 .841 .048 .857 .099 .873 .133 .888 .151	X/C CP 0.000 .529 -010905 -030 -1.287 -050 -1.217 -100 -1.053 -180795 -300433 -350338 -400268 -450225 -500223 -550251 -600361 -650498 -700689 -850505 -950186	X/C CP 0.000 .814 .003139 .010 -1.174 .020 -1.496 .025 -1.643 .030 -1.585 .050 -1.308 .100860 .120784 .180638 .250553 .300504 .350479 .400465 .450461 .500467 .550467 .550455 .600452 .650413 .700382 .800257 .900082 .950 .016 0.000 0.000	X/C CP 0.000 .832 .010941 .030 -1.810 .050 -1.531 .100877 .180657 .300552 .350514 .400491 .450474 .500445 .550437 .600431 .650395 .700337 .750288 .850125 .950 .041	X/C	X/C CP 0.000 .845 .010623 .030 -1.355 .050 -1.065 .100652 .180505 .300450 .350415 .400408 .450370 .500388 .550364 .600341 .650322 .700308
	X/C CP .005 .877 .025 .42C .050 .142 .100087 .180262 .300328 .400316 .500333 .600302 .650232 .700161 .750053 .800 .060 .900 .138	X/C CP .005 .902 .025 .196 .050 .008 .100139 .120171 .180200 .250232 .300299 .400289 .500313 .600285 .650188 .700086 .750 .030 .800 .111 .850 .153 .900 .209	X/C CP .005 .876 .025 .207 .050 .018 .100100 .180175 .400251 .500274 .600279 .650160 .700056 .750 .056 .800 .147 .900 .238 .950 .245	X/C CP .005 .827 .025 .250 .050 .032 .100118 .180162 .300236 .400246 .500255 .600255 .600238 .650139 .700047	X/C CP .005 .789 .025 .168 .050027 .100128 .180162 .300214 .400219 .500244 .600213 .650144 .700051



# (a) M = 0.60 - Continued

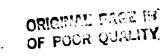
 $\alpha = 3.93^{\circ}; C_{L} = 0.472$ 

		841. VOITATE	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	665	0.000 .347	0.000 .696	0.000 .718	0.000 .805	0.000 .761
.747	901	-010 -1-198	-003438	.010 -1.230	-010 -1-026	.010886
. 763	563	.030 -1.632	-010 -1-442	-030 -2-069	.030 -1.949	.030 -1.564
.778	375	-050 -1-565	.020 -1.837	.050 -1.974	.050 -1.865	.050 -1.394
. 794	210	.100 -1.150	.025 -1.977	.100938	.100883	-100734
.810	109	.180865	.030 -2.034	.180726	.180720	.180567
.825	008	.300472	.050 -1.766	.300587	.300562	.300483
.841	. 047	.350382	.100967	.350557	.350538	.350454
.857	.108	-400308	.120874	-400530	.400495	400 -442
.873	. 131	-450254	.180699	.450505	.450478	-450402
.888	. 154	.500245	.250619	.500490	-500452	.500411
		.550275	.300565	.550467	.550438	.550396
		.600382	.350527	.600444	.600403	.600360
		.650491	.400504	.650401	.65036L	-650331
		.700615	-450491	.700337	.700315	.700318
		.750685	.500494	.750282	-1313	*100 -*318
		.850501	.550480	.850127		
		.950185	.600471	•950 •036		
			.650434	1.50 1030		
			.700389			
			.800257			
			.900078			
			.950 .012			
			0.000 0.000			
			0.000 0.000			

UINC	LOWER	CIIDE	ACE

X/C	CP	X/C	CP	X/C	CP	x/c	CP	x/c	CP
-005	.918	.005	. 947	- 005	. 926	.005	.910	-005	.847
-025	-514	- 025	.367	-025	.382	-025	-402	.025	. 304
-050	.219	. 050	.111	. 050	. 109	-050	-116	-050	.050
-100	•002	-100	041	-100	012	-100	021	.100	053
-180	205	.120	075	. 180	105	.180	097	-180	108
-300	290	.180	127	.400	221	-300	190	. 300	170
-400	282	. 250	180	. 500	241	-400	~.208	.400	195
- 500	300	.300	258	.600	251	-500	238	.500	217
-600	273	-400	246	.650	145	-600	216	.600	191
.650	213	- 500	280	.700	044	-650	122	•650	133
-700	146	-600	257	. 750	.059	.700	033	.700	043
-750	049	.650	171	-800	.156				
.800	.068	.700	078	. 900	.239				
-900	.139	. 750	-041	.950	.245				
.950	-138	.800	.120						
		.850	.159						
		•900	.215						
		. 950	. 229						







# (a) M = 0.60 - Concluded

 $\alpha = 4.97^{\circ}$ :  $C_{L} = 0.572$ 

	STATION .148	STATION _402	STATION .595	STATION .775	STATION .913
FUSELAGE		•	WING UPPER SURFACE	•	
X/L CP .731642 .747898 .763546 .778376 .794212 .810113 .825005 .841 .050 .851 .110 .873 .133 .888 .151	X/C CP 0.000 .251 .010 -1.453 .030 -2.026 .050 -1.880 .100 -1.351 .180953 .300510 .350408 .400330 .450274 .500258 .550287 .600384 .650500 .700601 .750664 .850482 .950172	X/C CP 0.000 .564 .003639 .010 -1.695 .020 -2.053 .025 -2.222 .030 -2.339 .050 -2.140 .100 -1.206 .120973 .180755 .250664 .300592 .350565 .400535 .450512 .500508 .550485 .600474 .650431 .700388 .800248	X/C CP 0.000 .565 .010 -1.409 .030 -2.191 .050 -2.160 .100 -1.316 .180812 .300624 .350581 .400552 .450552 .450500 .550478 .600478 .600405 .700336 .750283 .850127 .950 .026	X/C CP 0.000 .663 .010 -1.233 .030 -2.113 .050 -2.069 .100 -1.322 .180785 .300601 .350563 .400524 .450470 .550470 .550448 .600411 .650362 .700316	X/C CP 0.000 -648 .010 -1.082 .030 -1.807 .050 -1.727 .100 -802 .180 -635 .300529 .350483 .400472 .450433 .500432 .550415 .600382 .650353 .700322
	-850482	.550485 .600474 .650431 .700388	-850127		

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.939	-005	.969	-005	.963	.005	.954	•005	.899
.025	.592	.025	-475	.025	.478	.025	.510	.025	.397
.050	.318	. 050							
			-223	.050	.226	-050	.239	.050	-164
-100	•056	.100	.034	-100	.070	.100	.051	-100	.024
- 180	140	. 120	• 00 <i>2</i>	.180	058	-180	034	.180	067
. 300	229	.180	065	-400	174	-300	143	.300	119
-400	242	- 250	121	.500	213				
-500						-400	167	-400	159
	277	. 300	197	.600	230	•500	206	.500	194
. 600	253	-400	207	-650	122	.600	198	.600	175
-650	192	-500	248	.700	031	-650	104	.650	115
. 700	128	-600	238	.750	.068	.700	022	.700	035
.750	033	.650	155	. 800	. 153	*			.033
.800	.071	-700							
			063	•900	-241				
-900	.147	. 750	.048	• 950	.245				
.950	-145	- 800	.129						
		-850	.168						
		-900	-220						
		.950	. 232						
		* 7 JU	. 236						







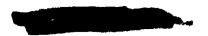
TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(b) M = 0.070

 $\alpha = -1.06^{\circ}$ ;  $C_{L} = -0.037$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731700 .747 -1.450 .763568 .778337 .794185 .810086 .825 .010 .841 .069 .857 .122 .873 .144 .888 .164	X/C CP 0.000 1.027 .010 .756 .030296 .050369 .100429 .180413 .300209 .350147 .400091 .450062 .500057 .550104 .600232 .650409 .700632 .750897 .850569 .950175	X/C CP 0.000 1.019 .003 .680 .010 .044 .020192 .025303 .030379 .050470 .100390 .120371 .180308 .250329 .300314 .450314 .450345 .500379 .550396 .600431 .650411 .700395 .800268 .900075 .952 .032 0.000 0.000	X/C CP 0.000 .991 .010 .140 .030484 .050418 .100395 .180360 .300386 .350328 .400356 .450364 .500377 .600394 .650366 .700309 .750271 .850118 .950 .060	X/C CP 0.J00 .963 .010 .262 .030472 .050452 .100413 .180393 .300355 .350321 .400345 .450343 .500364 .500364 .650347 .650318 .700285	X/C CP 0.000 .914 .010 .324 .030405 .050402 .100333 .180288 .300303 .350264 .400303 .450268 .500302 .550302 .600287 .650270 .700262

						-			
X/C	CP	X/C	CP	X/C	CP	x/c	CP	X/C	CP
.005	.574	- 005	•463	-005	.393	-005	-209	•005	.136
.025	-001	•025	507	.025	592	.025	495	.025	643
-050	<b>233</b>	- 050	635	-050	790	.050	699	.050	701
-100	440	-100	485	-100	676	.100	667	.100	553
180	592	-120	658	-150	601	-180	538	-180	465
-300	601	-180	582	-400	491	.300	510	.300	395
-400	533	- 250	553	.500	464	-400	450	•400	392
.500	514	- 300	611	-600	405	.500	425	-500	387
-600	428	-400	531	<b>.65</b> 0	234	-600	342	-600	301
-650	320	• 500	516	.700	094	-650	206	-650	201
-700	223	•600	416	.750	.032	.700	~.078	-700	076
.750	095	-650	278	.800	.135				
.800	•029	- 700	136	.900	.243				
-900	-122	- 750	.002	. 950	. 255				
.950	-122	.800	.097						
		-850	. 138						
		- 900	-215						
		- 950	.234						



(b) M = 0.70 - Continued

 $\alpha = -0.08^{\circ}; C_{L} = 0.070$ 

		STATE	N .148	STATEO	N -402	STATE	N .595	DITATE	N .775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFACI	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	713	0.000	.949	0.000	1.015	0.000	1.002	U.000	.992	0.000	.952
.747	-1.463	.010	038	.003	-541	.010	060	-010	.121	.010	.187
.763	574	-030	512	.010	180	.030	76l	.030	759	.030	602
.778	341	. 050	558	.020	452	.050	645	-050	620	.050	562
. 794	186	.100	5%	٠025	529	-100	540	.100	534	.100	447
-810	089	-180	537	. 030	607	.180	444	.180	469	.180	365
.825	.008	. 300	263	.050	646	. 300	413	. 300	409	. 300	343
.841	. 064	.350	189	.100	53 -	.350	392	.350	38l	.350	308
. 857	. 117	-400	138	.120	490	.400	409	-400	381	.400	340
.873	. 143	.450	088	. 180	409	.450	405	.450	384	.450	302
.888	. 163	.500	086	.250	382	.500	412	.500	394	.500	332
		.550	132	. 300	363	.550	416	.550	393	-550	335
		-600	250	. 350	346	.600	418	.600	369	.600	308
		-650	431	.400	350	-650	394	-650	333	. 65 0	294
		.700	657	. 450	374	.700	324	.700	299	.700	279
		. 750	908	.500	408	.750	284	•			<b>V</b> _ · · ·
		.850	560	.550	424	. 850	120				
		.950	170	.600	448	.950	•060				
		4	•••	.650	~.423						
				. 700	403						
				.800	274						
				.900	079						
				.950	.031						
				0.000	0.000						

						_			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	-698	.005	.587	-005	.533	.005	.403	.005	.338
.025	-131	.025	304	.025	357	.025	320	.025	447
.050	118	.050	446	-050	561	.050	465	.050	529
.100	335	.100	525	-100	502	-100	522	-100	439
.180	457	.120	541	-180	485	-180	459	.180	363
.300	535	.180	501	- 400	444	. 300	451	.300	360
.400	490	.250	482	-500	426	.400	409	.400	357
.500	476	.300	532	-600	379	.500	393	.500	356
.600	401	.400	484	-650	226	.600	323	.600	281
-650	305	.500	471	-700	087	. 650	191	.650	195
. 700	208	.600	394	.750	.038	.700	069	.700	069
.750	084	.650	259	-800	.140			-	
.800	.034	.700	125	- 900	.244				
.900	.125	.750	.012	-950	. 260				
- 950	125		101						



TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

# (b) M = 0.70 - Continued

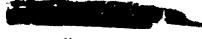
 $\alpha = 0.98^{\circ}; C_{L} = 0.182$ 

		STATE	N .148	STATEO	N -402	STATIO	N .595	STATIO	N .775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	Co
.731	698	0.000	.865	0.000	. 999	0.000	.993	0,000	1.000	0.000	. 961
.747	-1.455	.010	201	.003	. 384	-010	265	.010	109	.010	050
.763	593	.030	6 86	-010	405		-1.192		-1.109	.030	917
.778	339	.050	790	.020	723	.050	937	-050	901	.050	758
. 794	184	-100	752	.025	883	. 100	664	.100	708	-100	549
.810	091	-180	659	.030	925	.180	531	.180	539	.180	415
.825	• 00 9	.300	316	.050	924	. 300	474	. 300	462	.300	383
.841	.062	.350	235	.100	720	-350	454	. 350	446	.350	367
.857	.120	.400	169	.120	658	. 400	454	.400	431	-400	376
.873	. 141	.450	118	-180	469	.450	446	.450	422	•450	~.340
.888	-160	-500	106	. 250	444	. 500	444	-500	417	•500	361
		.550	147	- 300	417	.550	437	-550	409	(550	354
		-600	265	. 350	407	.500	442	-600	384	-600	334
		-650	445	.400	403	.650	405	-650	349	.650	313
		.700	666	-450	408	.7C0	338	.700	~. 306	.700	~.294
		. 750	929	-500	441	.750	282			*****	•••
		-850	555	•550	45C	.850	118				
		.950	173	-600	480	.950	.059				
				-650	447						
				.700	419						
				.800	270						
				-900	072						
				.950	.034						
					0.000						

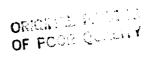
# WENG LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	-774	-005	.731	.005	.688	-005	.578	- 005	.518
• 025	.223	.025	103	.025	141	.025	081	-025	177
-050	036	-050	294	.050	331	.050	293	.050	331
- 100	232	-100	396	.100	35%	-100	378	-100	329
180	424	-120	387	.180	385	-180	345	-180	322
.300	477	-180	401	.400	391	. 300	393	-300	314
-400	437	- 250	398	.500	388	-400	359	-400	219
-500	439	- 300	463	.600	357	.500	361	-500	324
-600	379	-400	418	.650	212	-600	302	-600	263
.650	292	.500	438	.700	076	. 550	178	-650	182
<b>.</b> 700	198	-600	370	.750	.043	.700	062	.700	062
.750	060	-650	242	.800	.145			• • • • • • • • • • • • • • • • • • • •	
-800	-044	.700	115	.900	.245				
.900	-133	•750	.019	.950	. 260				
-950	-130	.800	.104						
		. 850	. 148						
		.900	. 221						
		.950	.235						

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-.304

-.170 -.054

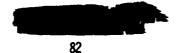
# TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(b) M = 0.70 - Continu.d

 $\alpha = 1.94^{\circ}$ ;  $C_{L} = 0.283$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731702	0.000 .759	0.000 .964	0.000 .964	0.000 .990	0.000 .945
.747 -1.477	.010488	.003 .215	.010440	.010297	.010235
.763574	.030915	.010627	.030 -1.436	.030 -1.380	.030 -1.238
.778333	-050 -1-002	.020951	-050 -1-263	.050 -1.268	.050 -1.009
.794182	.100961	.025 -1.110	100774	.100 -1.048	-100516
.810087	.180762	.030 -1.253	-180603	.180610	-180481
.825 .012	.300366	.05G -1.29C	.300526	.300509	.300424
.841 .066	.350274	-107915	.350501	.350476	-350403
.857 .122	<b>.4</b> 00200	.120655	-400 <b>49</b> 5	.400465	.400411
.873 .138	.450143	.180559	-450475	.450451	-450364
.888 .158	.500128	.250507	<b>.</b> 500 <b>4</b> 72	.570443	.500389
	-550164	.300470	<b>.</b> 550 <b>457</b>	.550429	.550 <b>376</b>
	-600282	.350453	-600455	.600397	.600349
	.650449	-400438	.650411	.650359	.650322
	.700682	.45C451	.700346	.700316	.700310
	.750923	.500467	.750284		
	.850544	.550475	.850 ~.112		
	.950169	-600490	.950 .057		
		.650461			
		.700430			
		.80027C			
		.900071			
		.950 .031			
		0.000 0.000			

				MINO LON	EN JUNI NE	<b>-</b> .			
X/C	CP	X/C	CP	X/C	r.p	X/C	CP	X/C	
-005	.841	.005	.821	-005	. 785	•005	.711	. 105	
.025	-368	.025	. C61	- 025	.027	.025	.088	.025	
.050	.067	-050	140	-050	171	-050	146	.050	
-100	161	.100	278	.100	263	.100	262	.100	
- 180	~.350	.120	291	-180	304	-180	270	.180	
-30C	415	.180	317	-400	346	.300	332	.300	
.400	390	-250	317	.500	363	•400	316	.400	
.500	411	. 300	410	.600	338	-500	334	.500	
.600	359	- 400	377	-650	195	-600	286	•600	
-650	269	.500	398	.700	066	-650	167	-650	
.700	182	.600	350	.750	-053	.700	056	.700	
.750	063	-650	227	.800	. 150				
.800	-052	. 700	102	.900	.247				
-900	-144	.750	.026	.950	.259				
.950	-132	.800	.113		<b>V</b>				
		.850	.161						
		.900	.225						
		.950	. 239						





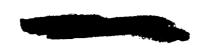


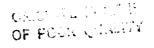
# (b) M = 0.70 - Continued

 $\alpha = 2.99^{\circ}; C_{L} = 0.396$ 

		STATION -148	STATION -402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WENG UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	704	0.000 .651	0.000 .890	0.000 .908	0.000 .961	0.000 .892
.747	-1-470	.010622	.003 .059	-010637	.010472	-010407
.763	501	.030 -1.176	.010823	.030 -1.561	.030 -1.529	.030 -1.392
.778	335	.050 -1.235	.020 -1.154	.050 -1.651	.050 -1.631	.050 -1.365
.794	182	-100 -1.196	.025 -1.303	.100 -1.497	.100 -1.466	-100944
-810	084	-180 -1-157	.030 -1.455	.180563	.180567	.180517
.825	.009	.300394	.050 -1.538	.300554	.300524	.300472
.841	. 063	.350301	.100 -1-384	.350529	.350504	.350443
.857	.118	.400221	-120 -1-361	-400513	.400485	.400437
.873	. 140	.450165	.180528	.450499	-450472	.450397
.888	. 154	.500145	.250538	.500489	. '0461	-500410
		.550174	-300500	.550464	-5 /442	.550389
		-600287	.350481	.600458	0410	-600361
		-650460	.400475	.650415	.650368	-650338
		.700681	.450467	.700342	.700317	.700315
		.750^33	.500487	.750282		
		-850534	.550497	.850115		
		.950162	-600505	.950 .055		
			.650468			
			.700427			
			.800268			
			.9000.8			
			.950 .034			
			0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	-901	-005	•907	-005	.871	.005	<b>.829</b>	• 005	.773
.025	.428	- 025	. 209	.025	.208	.025	.254	.025	.124
.050	-171	-050	009	-050	061	.050	004	-050	087
-100	069	-100	163	.100	121	.100	147	.100	156
.180	280	- 120	182	-180	214	.180	185	.180	200
.300	351	. 180	229	.400	307	.300	279	.300	Z29
.400	360	-250	270	.500	324	.400	283	-400	257
-500	382	- 300	348	-600	309	.500	301	-500	277
.600	327	-400	335	-650	174	.600	269	.600	230
-650	251	-500	361	.700	05 l	.650	150	.650	156
. 700	163	-600	323	.750	.067	.700	046	.700	044
.750	047	-650	205	.800	.157				
.800	.066	. 700	094	.900	.254				
.900	147	-750	.037	•950	.262				
. 950	-137	.800	.121						
		.850	.166						
		.900	.227						
		. 050	. 244						





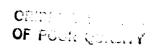
(b) M = 0.70 - Continued

 $\alpha = 3.92^{\circ}; C_{L} = 0.500$ 

	STATION .148	STATION -402	STATION .595	STATION -775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
•731 -•706	0.000 .575	0.000 .816	0.000 .862	0.000 .897	0.000 .848
•747 -1•464	.010778	.003088	.010738	.010604	.010562
.763543	.030 -1.343	.010969	.030 -1.706	.030 -1.636	.030 -1.548
.778332	.050 -1.383	.020 -1.302	.050 -1.822	.050 -1.784	.050 -1.537
.794186	.100 -1.399	.025 -1.435	.100 -1.671	.100 -1.608	.100 -1.409
.810086	.180 -1.347	.030 -1.585	.180 -1.255	.180 -1.172	.180587
.825 .010	.300392	.050 -1.716	.300518	.300489	.300489
.841 .066	.350313	.100 -1.610	.350515	.350477	.350463
.857 .123	.400236	.120 -1.576	.400512	.400474	.400456
.873 .136	.450182	.180917	.450503	.450466	.450415
.888 .162	.500162	.250524	.500485	.500456	.500426
	.550198	.300492	.550471	.550442	.550417
	.600308	.350488	.600461	.600412	.600380
	.650477	.400479	.650410	.650362	.650350
	.700699 .750935 .850529	.450480 .500495 .550502	.700344 .750288 .850117	.700312	.700333
	.950159	.600500 .650464 .700427 .800265	.950 .055		
		.900070 .950 .026 0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.929	.005	-950	- 005	.914	-005	.900	-005	.824
-025	.510	-025	.333	-025	.310	.025	. 354	. 025	.250
.050	.235	.050	.090	- 050	.076	-050	.089	-050	.025
.100	-001	.100	068	-100	~.033	-100	052	-100	079
180	~.208	-120	104	.180	138	-140	127	.180	146
-300	297	-180	157	-400	252	•300	227	•300	186
-400	300	-250		-500	283	-400	240	-400	220
.500	340	, 300		-600	286	.500	265	-500	251
-600	302	.400	283	.650	154	-600	244	-600	214
-650	227	• 500	324	.700	035	.650	135	-650	140
. 700	143	.6.0	292	-750	-071	.700	^ -1	-700	038
.750	039	.650	186	.800	.166				
. ^00	.077	.700	075	.900	. 258				
.1.10	.161	.750	.053	.950	.269				
•9. 0	.149	.800	.136						







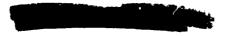
# (b) M = 0.70 - Concluded

 $\alpha = 4.93^{\circ}; C_{L} = 0.606$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	<b>:</b>	
X/L -731 -747 -763 -778 -794	CP 700 -1.380 519 319 174 083	X/C CP 0.000 .462 .010944 .030 -1.524 .050 -1.484 .100 -1.556 .180 -1.458	X/C CP 0.000 .747 .003250 .010 -1.125 .020 -1.440 .025 -1.567 .036 -1.724	X/C CP 0.000 .778 .010885 .030 -1.803 .050 -1.920 .100 -1.811	X/C CP 0.000 .836 .010748 .030 -1.759 .050 -1.892 .100 -1.730	X/C CP 0.000 .746 .010704 .030 -1.664 .050 -1.621 .100 -1.573
.825 .841 .857 .873	.018 .068 .118 .141 .163	-300435 -350339 -400256 -450206 -500185 -550217 -600322 -650488 -700693 -750914 -850514	.050 -1.829 .100 -1.777 .120 -1.724 .180 -1.646 .250741 .30057C .350495 .400472 .450473 .500483	.180 -1.697 .300585 .350497 .400480 .450477 .500471 .550455 .600439 .650400 .700329 .750277 .850116	.180 -1.503 .300617 .350535 .400463 .450427 .550427 .550413 .600379 .650348 .700292	-180860 -300521 -350489 -400477 -450434 -500439 -550423 -600386 -650357 -700334
		.950170	.600490 .650448 .700401 .800255 .900075 .950 .018 0.000 0.000	.950 .043		

# WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	x/C	CP	x/:c	CP
-005	-953	- 005	.962	- 005	. 954	-005	.939	.005	.871
.025	-583	.025	.458	.025	.421	-025	.467	.025	.360
.050	-293	.050	.196	.050	.161	.050	.216	-050	.110
. 100	.046	-100	.018	.100	-051	-100	.036	. 100	020
-180	160	-120	035	- 180	075	.180	073	-180	091
- 300	261	.180	084	.400	206	- 300	l65	.300	155
-400	269	. 250	145	-500	247	.400	204	-400	186
.500	309	- 300	234	.600	261	.500	238	.500	226
-600	281	-400	248	-650	138	.600	229	.600	197
.650	215	• 500	287	.700	025	.650	121	-650	130
.700	132	-600	269	. 750	-081	.700	025	.700	032
. 750	029	.650	168	-800	.177				
.800	.087	.7⊍∂	065	-900	. 264				
-900	-152	. 7:50	.056	- 950	.269				
•950	-152	.800	. 144						
		.850	., 179						
		-900	.238						
		.950	.250						



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TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

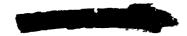
(c) M = 0.75

 $\alpha = -1.08^{\circ}; C_{L} = -0.056$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731543 .747 -1.256 .763824 .77d367 .794179 .810082 .825 .008 .841 .068	X/C CP 0.000 1.064 -010 -140 -030286 -050391 -100426 -180448 -300194 -350132	X/C CP 0.000 1.040 .003 .729 .010 .079 .020189 .025314 .030379 .050434 .100379	X/C CP 0.000 1.003 .010 .204 .030533 .050471 .100418 .180371 .300394 .350361	X/C CP 0.000 .972 .010 .316 .030465 .050462 .100435 .180414 .300378 .350341	X/C CP 0.000 .935 .010 .354 .030433 .050433 .100359 .180297 .300319
.857 .118 .873 .142 .888 .165	.330132 .400065 .450017 .500002 .550042 .600153 .650316 .700532 .750786 .850 -1.072 .950212	.120377 .180311 .250308 .300310 .350295 .400303 .450329 .500377 .550422 .600467 .650465 .700463 .800280	.350361 .400376 .450588 .500403 .550417 .600433 .650403 .700337 .750284 .850110 .950 .076	.350341 .400363 .450377 .500385 .550392 .600376 .650346 .700298	.350288 .400319 .450283 .500324 .550329 .600307 .650287 .700279
		.900067 .950 .044 0.000 0.000			

# WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.593	.005	.516	• 005	.387	.005	-202	.005	.175
.025	-081	.025	506	-025	582	.025	508	• 02 5	680
.050	191	.050	632	.050	. 197	-050	764	.050	791
.100	403	.100	746	.100	708	.100	791	.100	615
.180	619	. 120	724	-180	663	.160	611	.180	509
.300	704	-180	-4655	-400	553	. 30u	584	-300	431
.400	601	- 250	645	.500	507	-400	509	.400	438
.500	582	.300	719	-600	424	-500	467	.500	420
.600	462	-400	609	-650	~. 235	-600	359	-600	318
-650	339	.500	575	.700	087	-650	205	•650	209
.700	228	.600	439	.750	.044	•700	- 069	.700	073
.750	095	-650	276	-800	.147				••••
.600	.030	. 700	123	• 900	. 246				
•900	.119	.750	-011	.950	.266				
.950	.113	.800	-101						
••••	*****	.850	-150						
		-900	. 222						
		. 950	. 247						



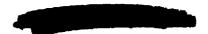


TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(c) M = 0.75 - Continued

 $\alpha = -0.06^{\circ}$ ;  $C_{L} = 0.061$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP -731553 -747 -1.251 -763799 -778359 -794181 -810080 -825 .006 -841 .066 -857 .115 -873 .137 -888 .160	X/C CP 0.000 .981 .010 .049 .030483 .050542 .100598 .180556 .300246 .350172 .400101 .450055 .500030 .550062 .600169 .650333 .700552 .750794 .850 -1.030 .950215	X/C CP 0.000 1.033 .003 .574 .010101 .020410 .025581 .030566 .050716 .100598 .120516 .180409 .250382 .300356 .350359 .400358 .450379 .500424 .550452 .600515 .650550 .700471 .800288 .900065 .950 -042 0.000 0.000	X/C CP 0.000 1.018 .01	X/C CP 0-009 1.008 .010 .140 .030714 .050689 .100577 .180491 .300442 .350406 .400408 .450413 .500423 .550423 .550423 .600400 .650368 .700316	X/C CP 0.000 .961 .010 .181 .030685 .050606 .100470 .180394 .300365 .350339 .400359 .450336 .500351 .650331 .650308 .700297

X/C .005 .025 .050 .180 .300 .400 .500 .650 .700 .750 .800 .900	CP .712 .148 081 316 525 598 541 527 438 324 217 086 .037 .130 .114	X/C .005 .025 .050 .120 .180 .250 .300 .400 .500 .600 .750 .750 .800	CP	X/C .005 .025 .050 .100 .180 .400 .500 .650 .700 .750 .900	CP .559 350 582 544 550 501 467 408 224 078 .048 .149 .255 .269	X/C -005 -025 -050 -100 -180 -300 -400 -500 -650 -700	CP .420 279 545 584 517 513 451 435 341 194 064	X/C -005 -025 -050 -100 -180 -300 -400 -500 -650 -700	CP -388 420 541 490 431 392 386 302 196 061
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(c) M = 0.75 · Continued

 $\alpha = 0.95^{\circ}$ ;  $C_{L} = 0.172$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP -731530 -747 -1.244 -763825 -778361 -794179 -810076 -825 -011 -841 -068 -857 -112 -873 -137 -888 -158	X/C CP 0.000 .895 .010196 .030638 .050702 .100780 .180761 .300296 .350209 .400132 .450078 .500054 .550079 .600181 .650343 .700552 .750803 .850933 .950214	X/C CP 0.000 1.024 .003 .458 .010312 .020596 .025734 .030905 .05097C .100741 .120696 .180450 .250446 .300424 .350402 .400396 .450415 .500453 .550479 .600530 .650511 .700469 .800283 .900065 .950 .046 0.000 0.000	X/C CP 0.000 1.009 .010163 .030 -1.066 .050 -1.044 .100766 .180537 .300504 .350482 .400478 .450482 .500483 .550473 .600478 .650473 .700357 .750290 .850108 .950 .073	X/C CP 0.000 1.019 .010008 .030999 .050 -1.015 .100819 .180568 .300497 .350468 .400452 .450455 .500447 .550440 .600411 .650370 .700319	X/C CP 0.000 .968 .010 .020 .030884 .050914 .100612 .180414 .350393 .400394 .450370 .500387 .550376 .600353 .650332 .700313

X/C -005 -025 -050 -100 -180 -300 -600 -650 -750 -800 -900	CP .799 .284 002 245 441 523 504 503 420 314 210 079 .040 .133	X/C -005 -025 -050 -100 -120 -180 -250 -300 -400 -500 -650 -700	CP •745 •102 •296 •440 •452 •441 •443 •495 •495 •493 •403 •257 •117 •023	X/C .005 .025 .050 .100 .180 .400 .500 .650 .700 .750 .800	CP .698 150 379 389 436 459 445 394 221 081 .048 .151 .253	X/C •005 •025 •050 •100 •180 •300 •400 •500 •650 •700	CP -573 -098 -346 -441 -413 -448 -408 -410 -335 -187 -061	X/C -005 -025 -050 -100 -180 -300 -400 -500 -650 -70G	CP .543 211 404 365 348 362 365 287 199 061
				-900 -950	•253 •266				

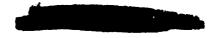


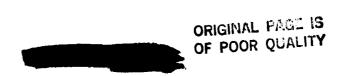
# (c) M = 0.75 - Continued

 $\alpha = 1.96^{\circ}; C_{L} = 0.287$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	•	
X/L .731	CP 544	X/C CP 0.000 .849	X/C CP 0.000 .988	X/C CP 0.000 .995	X/C CP 0.000 1.008	X/C CP 0.000 .964
.747 .763 .778	-1.258 822 364	.010333 .030817 .050918	.003 .300 .010463 .020781	.010286 .030 -1.208 .050 -1.292	.010156 .030 -1.164 .050 -1.274	.010122 .030 -1.067 .050 -1.243
.794 .810	176 081	.100938 .180 -1.021	.025925 .030 -1.077	.100 -1.204 .180 -1.028	.100 -1.200 .180 -1.029	.100 -1.038 .180422
.825 .841 .857	- 008 - 064 - 117	.300291 .350221 .400150	.050 -1.184 .100 -1.165 .120 -1.058	.300525 .350492 .400505	.300458 .350472 .400474	.300447 .350424 .400425
.873 .888	• 138 • 164	.450093 .500066 .550092	.180731 .250438 .300441	.450505 .500501 .550487	.450467 .500462 .550453	.450394 .500414 .550395
		.600192 .650351	.350427 .400425	.600484 .650439	.600424 .650377	.600367 .650338
		.700567 .750814 .850 - 965	.450435 .500475 .550504	.700354 .750291 .850107	.700322	.700319
		.950189	.600554 .650524 .700476	.950 .074		
			.800282 .900062			
			.950 .044 0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	.839	.005	.822	.005	.768	.005	-696	.005	.643
.025	-371	. 025	. 069	.025	.003	.025	.059	.025	047
.050	-085	.050	173	-050	210	.050	187	.050	249
.100	142	.100	311	.100	262	.100	302	.100	281
-180	361	.120	324	-180	339	.180	30 3	.180	294
- 300	458	.186	350	.400	406	-300	378	.300	304
.400	447	. 250	368	.500	395	.400	36 3	.400	329
-500	453	. 300	451	.600	368	-500	373	.500	329
-600	~ .394	-400	435	.650	202	-600	315	•600	266
.650	294	- 500	457	.700	063	.650	-,175	-650	175
.700	194	.600	382	.750	-060	.700	052	.700	049
.750	067	.650	241	.800	.160				
-800	-056	. 700	104	.900	-260				
.900	.138	.750	-031	.950	.271				
.950	-126	.800	-118						
		850	166						



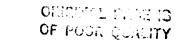


(c)  $M = 0.75 \sim Continued$ 

 $\alpha = 2.95^{\circ}; C_{L} = 0.412$ 

		STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	SELAGE			WING UPPER SURFACE	<b>:</b>	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	555	0.000 .722	0.000 .942	0.000 .953	0.000 .988	0.000 .926
.747	-1.273	.010494	.003 .191	.010438	.010292	-010263
.763	820	.030995	<b>.</b> 010595	.0301.323	.030 -1.269	.030 -1.208
.778	371	.050 -1.044	.020914	.050 -1.424	.050 -1.391	-050 -1-386
.794	176	-100 -1-049	.025 -1.07C	-100 -1.369	-100 -1-380	-100 -1-236
.810	079	.180 -1.224	.030 -1.202	.180 -1.265	.180 -1.238	.180934
.825	.003	.300366	.050 -1.326	.300439	-300460	-300434
.841	.067	.350217	-100 -1-317	.350410	.350365	.350430
. 857	.116	<b>.4</b> 00 - <b>.</b> 156	-120 -1-313	-400440	.400394	.400439
.873	.138	<b>.450102</b>	-180 -1-210	.450463	.450416	<b>.450403</b>
.888	.164	.500082	-250563	.500485	.500441	.500423
		-550 - <b>-1</b> 08	.300377	.550471	~550 <b>43</b> 7	.550411
		.600213	-350395	.600471	.600411	-600384
		.650368	.400412	.650436	.650370	.650 ~.353
		.700579	.450436	.700358	.700320	.700330
		-750828	-500472	.750296		
		.850 -1.017	.550504	.850114		
		.950186	-600551	.950 .069		
			.650530			
			-700480			
			.800285			
			.900064			
			.950 .041			
			0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	-918	•005	-887	-005	-865	•005	.798	•005	.746
.025	•454	- 025	.199	-025	.177	-025	.213	.025	-098
.050	-173	-050	049	.050	082	-050	058	.050	117
.100	068	- 100	198	-100	157	.100	196	.100	192
.180	298	-120	208	.180	251	.180	223	.180	238
. 300	385	-180	264	.400	334	-300	319	.300	260
-400	385	- 250	292	.500	364	-400	315	. 400	~.279
.500	423	. 300	393	.600	338	500	338	.500	306
.600	363	- 400	376	-650	176	.600	293	.600	247
.650	259	- 500	407	.700	053	.050	156	.650	158
.700	181	.600	353	.750	.074	.700	039	.700	045
.750	047	-650	219	.800	.173				
. 800	-069	.700	087	.900	.272				
.900	-156	. 750	. 045	.950	.282				
.950	.142	.800	-135						
		. 850	.177						
		-900	. 245						
		. 950	. 261						





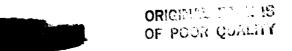
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# (c) M = 0.75 - Continued

 $\alpha = 3.96^{\circ}; C_{L} = 0.536$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
FUSELAGE  X/L CP .731577 .747 -1.297 .763786 .778335 .794165 .810071 .825 .016 .841 .069 .857 .125 .873 .147 .888 .170	X/C CP 0.000 .646 .010605 .030 -1.180 .050 -1.158 .100 -1.229 .180 -1.337 .300683 .350366 .400193 .450135 .500107 .550133 .600233 .650385 .700594 .750835	X/C CP 0.000 .879 .003 .075 .010734 .020 -1.047 .025 -1.178 .030 -1.343 .050 -1.465 .100 -1.487 .120 -1.466 .180 -1.364 .250 -1.273 .300714 .350432 .400380 .450405 .500452	X/C CP 0.000 .907 .010546 .030 -1.437 .050 -1.515 .100 -1.493 .180 -1.434 .300 -1.294 .350853 .400357 .450346 .500377 .550412 .600423 .650399 .700324 .750324	X/C CP 0.000 .952 .010419 .030 -1.362 .050 -1.514 .100 -1.471 .180 -1.452 .300 -1.308 .350695 .400400 .450327 .500348 .550354 .600349 .650329 .700287	X/C CP 0.000 .889 .010384 .030 -1.311 .050 -1.475 .100 -1.440 .180 -1.264 .300402 .350403 .400434 .450394 .500423 .550418 .600394 .650361 .700 ~.337
	.950 <b></b> 181	.600525 .650495 .700449 .800275 .900063 .950 .040	.950 .069		

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
- 005	.947	.005	- 953	.005	.923	-005	.883	•005	-807
- 02 5	-526	.025	.313	.025	. 297	.025	.337	.025	.219
• 050	-262	. 050	.073	.050	.056	.050	•060	-050	017
.100	<b>~ .</b> 005	.100	088	-100	068	-100	087	.100	127
- 180	219	.120	124	-180	167	-180	155	.180	177
-300	325	.180	164	.400	289	.300	242	.300	
-400	334	. 250	212	-500	307	-400	267		211
-500	363	.300	307	.600	311			-400	250
-600	332	.400	312	-650		-500	295	-500	270
-650					151	-600	261	.600	231
	230	-500	359	.700	032	-650	139	-650	142
-700	150	.600	321	.750	.079	.700	028	-700	033
. 750	038	.650	191	.800	.185		***		•055
. 800	-082	.700	065	.900	.281				
-900	.168	.750	-060	.950	. 289				
- 950	-154	.800	.146	• , • •					
		.850	.195						
		900	250						

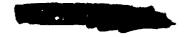


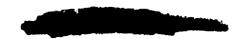
# (c) M = 0.75 - Concluded

 $\alpha = 4.98^{\circ}; C_{L} = 0.655$ 

STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
		WING UPPER SURFACE		
X/C CP 0.000 .566 .010766 .030 -1.312 .050 -1.304 .100 -1.360 .180 -1.453 .300757 .350517 .400385 .450302 .500237 .550224 .600291 .650421 .700620 .750838 .850518 .950177	X/C	X/C CP 0.000 .840 .010655 .030 -1.518 .050 -1.624 .100 -1.533 .180 -1.533 .300 -1.429 .350 -1.360 .400865 .450516 .500356 .550333 .600329 .650309 .700272 .750234 .850087	X/C CP 0.000 .898 .010529 .030 -1.473 .050 -1.603 .100 -1.599 .180 -1.540 .300 -1.442 .350 -1.179 .400747 .450315 .500381 .550315 .600285 .650257 .700228	X/C CP 0.000 .820 .010495 .030 -1.411 .050 -1.579 .100 -1.562 .180 -1.371 .300958 .350400 .400406 .450389 .500419 .600365 .650365 .700347
	.950 .033 0.000 0.000			
	X/C CP 0.000 .566 .010766 .030 -1.312 .050 -1.304 .100 -1.360 .180 -1.453 .300757 .350517 .400385 .450302 .500237 .550224 .600291 .650421 .700620 .750838 .850518	X/C CP	X/C CP	X/C   CP   X/C   CP   X/C   CP   X/C   CP   CP   CP   CP   CP   CP   CP

X/C	CP	X/C	CP	X/C	ĽР	X/C	CP	X/C	CP
-005	-972	.005	.976	-005	. 95 8			-	
						.005	•926	-005	.864
.025	-598	-025	.417	.025	.407	.025	-427	.025	.304
-050	.322	.050	-170	-050	.158	.050	-182	.050	.080
-100	.062	.100	<b>-003</b>	.100	. 026	.100	.012	-100	061
-180	160	.120	045	-180	098	.180	088	.180	131
.300	270	.180	109	-400	236	-300	211	-300	192
-400	283	.250	160	-500	275	•400	237	.400	222
.500	339	. 300	255	-600	285	-500	268	-500	248
-600	302	- 400	266	.650	142	•600	246	.600	216
-650	22%	-500	32:	.700	025	.650	129	-650	137
-700	139	- 600	292	.750	.090	.700	024	.700	034
.750	028	.650	178	.800	.189	_			
.600	-095	.700	060	.900	.282				
-900	-172	.750	.070	- 950	.289				
.950	-153	- 800	.158						
		-850	. 197						
		- 900	. 257						
		-950	- 27 C						





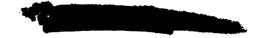
(d) M = 0.775

 $\alpha = -1.05^{\circ}; C_{L} = -0.067$ 

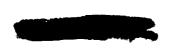
.731480 0.0	C/C CP 000 1.072 010 -201	X/C 0.000	CP	WING UPP	ER SURFACE	:			
.731480 0.0	000 1.072 010 .201	0.000		v./c					
	201			A/L	CP	X/C	CP	x/C	CP
.747 -1.149			1.038	0.000	1.014	0.000	.975	0.000	.932
	130 201	.003	. 728	.010	.182	.010	-298	.010	.355
.763812	)30286	.010	- 099	.030	528	.030	450	.030	463
.778376 .(	)50355	-020	162	-050	467	.050	465	.050	462
.794185 .	100436		272	.100	428	.100	439	.100	384
.810078 .:	180446	.030	378	.180	371	.180	436	.180	326
.825 .013 .:	300187		492	. 300	399	.300	405	.300	340
.841 .064	350123		449	.350	377	.350	361	.350	305
.857 .112	00057		393	.400	~.400	.400	392	.400	338
.873 .142	50002		329	•450	415	.450	401	.450	306
	.020		321	.500	427	.500	411	.500	342
	550015		310	.550	446	-550	420	-550	347
	00118		289	.600	462	.600	403	.600	322
	50270		300	-650	432	•650	361	-650	304
	700481		329	.700	348	.700	316	.700	294
•1	150726		381	.750	292	• 100	510	•100	-4274
	150 -1.096		427	-850	108				
	50264		498	.9:0	.081				
			517	• • • • • • • • • • • • • • • • • • • •	****				
			496						
			288						
			059						
		.950	. 054						
			0.000						

# WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	СР	X/C	CP
.005	.609	.005	-531	.005	.456	.005	.233	.005	-195
.025	.072	.025	454	. 025	506	.025	449	.025	651
.050	156	.050	610	.050	822	.050	744	.050	798
. 1GO	399	-100	756	.100	780	.100	854	-100	700
-180	636	- 120	775	.180	704	.180	771	. 180	520
-300	745	. 180	750	.400	577	.300	611	-300	450
-400	655	- 250	684	.500	548	.400	519	-400	465
•500	623	. 300	- > 791	.600	423	.500	490	•500	-,444
.600	479	- 400	653	.650	227	•600	363	.600	315
.650	346	-500	632	.700	080	.650	200	.650	206
.700	231	-600	438	.750	.048	.700	065		
.750	096	.650	27C	. 800	.148	*100	005	- 700	. 064
.800	.019	.700	126	.900	.253				
.900	.113	.750	-017	.950	. 254				
.950	.094	.800	.100	•	• 6 2 4				
		.850	. 152						
		.900	-220						
		•950	. 248						
		• 730	• 470						



addition.

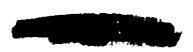


(d) M = 0.775 - Continued

 $\alpha = -0.05^{\circ}$ ;  $C_{L} = 0.051$ 

		GITATZ	N .148	STATIO	N .402	DITATE	N .595	DITATE	N .775	STATIO	N .913
FUS	SELAGE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP	X/C	CP
.731	465	0.000	1-016	0.000	1.042	0.000	1.031	0.000	1.005	0.000	. 96 9
.747	-1.157	.010	.055	.003	- 605	.010	-050	.010	.173	.010	.214
. 763	358	.030	446	.010	133	.030	831	.030	732	.030	692
.778	372	.050	526	- 320	365	.050	651	.050	766	.050	627
. 794	179	-100	611	-025	523	.100	578	.100	594	-100	501
-810	070	.180	601	.030	578	.180	476	-180	529	-180	393
.825	.010	.300	238	-050	724	.300	460	.300	462	- 300	389
-841	.071	.350	159	.100	571	.350	427	.350	416	-350	349
.857	. 113	.400	087	-120	~.556	.400	448	.400	430	.400	376
.873	-141	.450	025	.180	431	.450	457	.450	437	.450	339
.888	- 166	.500	-000	-250	373	.500	470	-500	442	.500	373
		•550	024	. 300	355	.550	478	.550	446	.550	369
		-600	126	.350	339	.600	492	-600	423	.600	340
		•650	284	.400	349	.650	450	-650	380	.650	323
		.700	488	- 450	371	.700	362	.700	326	.700	305
		.750	727	.500	414	.750	299				
		.850	-1-041	.550	463	.850	108				
		.950	266	-600	532	.950	-082				
				.650	546						
				.700	529						
				.800	289						
				.900	058						
				.950	.056						
				0.000	0.000						

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
-005	.713	-005	.658	-005	.588	.005	.404	-009	. 384
.025	-177	. 025	259	-025	344	.025	278	.025	436
.050	0.78	.050	410	.050	580	.050	564	.050	596
.100	309	.100	588	.100	590	.100	587	-100	536
180	531	.120	591	-180	584	-180	554	.180	457
.300	682	.180	582	.400	546	.300	558	.300	432
-400	582	-250	566	-500	508	. 400	493	-400	413
-500	596	- 300	685	-600	415	-500	467	.500	412
-600	464	.400	606	-650	225	.600	352	.600	309
.650	340	. 500	586	- 700	076	.650	190	.650	202
.700	223	-600	431	-750	.055	.700	055	.700	059
. 750	093	-650	263	-800	.153				
-800	.031	.700	117	.900	·260				
. 900	.121	.750	- 021	.950	-264				
950	100	. 800	110						



OF VILL

# TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(d) M = 0.775 - Continued

 $\alpha = 0.16^{\circ}; C_{L} = 0.162$ 

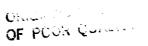
	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP •731470 •747 -1•153 •763897	X/C CP 0.000 .934 .010089 .030634	X/C CP 0.000 1.033 .003 .486 .010247	X/C CP 0.000 1.019 .010097 .030 -1.006	X/C CP 0.000 1.020 .010 .039 .030930	X/C CP 0.000 .974 .010 .032 .030860
.778386 .794178 .810075 .825 .012 .841 .073 .857 .120 .873 .143	.050671 .100734 .180833 .300261 .350182 .400106 .450043 .500016 .550044 .600143 .650291 .700503 .750736 .850993	.020548 .025697 .030829 .050947 .100887 .120858 .180406 .250419 .300402 .350386 .400382 .450403 .500445	.050 -i.028 .100831 .190513 .300509 .350490 .400489 .450492 .500497 .550502 .600510 .650445 .700356 .750290	.350 -1.001 .100937 .180659 .300494 .350480 .400478 .450470 .500465 .550460 .600432 .650378	.050933 .100731 .180413 .300424 .350401 .400408 .450373 .500392 .550386 .600365 .650331
	•950256	.550484 .600545 .650563 .700527 .800285 .900050 .950 .054 0.000 0.000	.f 098 -950 .083		

# WING LOWER SURFACE

						•			
X/C	CP	X/C	CP	X/C	CP	x/C	CP	x/c	CP
-005	.803	- 005	. 744	• 005	-680	.005	•55 l	-005	.504
.025	-267	.025	699	.025	158	.025	099	. 025	184
-050	-033	- 050	303	- 050	369	.050	357	•050	413
.100	240	- 100	438	.100	430	.100	481	.100	436
180	456	- 120	459	-180	477	-180	431	.180	390
.300	577	-180	474	-400	505	.300	495	.300	375
-400	543	.250	467	.500	480	•400	448	•400	391
.500	546	- 300	579	•600	408	•500	436	.500	
.600	440	-400	529	.650	220	-600	344		389
-650	322	• 500	542	.700	074	• 050		-600	297
.700	216	-600	422	.750	.054	.700	184	- 65 0	192
.750	078	-650	255	-800		. 100	054	.700	056
					.157				
-800	-040	-700	112	<b>. 90</b> 0	• 25 B				
.900	-130	•750	•026	.950	.270				
.950	.105	-800	.117						
		-850	.159						
		.900	.228						
		.950	-250						

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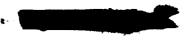


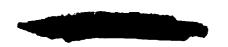
# (d) M = 0.775 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.292$ 

	STATION .148	STATION .402	STATION .595	STATION .775	ELP. MOLTATS
FUSELAGE			WING UPPER SURFACE	<u> </u>	
X/L CP .731469 .747 -1.155 .763910 .778392 .794184	X/C CP 0.000 .856 .010270 .030774 .050839 .100878 .180 -1.024	X/C CP 0.000 1.004 .003 .369 .010395 .020720 .025833 .030980	X/C CP 0.000 1.000 .010242 .030 -1.093 .050 -1.169 .100 -1.153 .180 -1.018	X/C CP 0.000 1.018 .010090 .030 -1.056 .050 -1.191 .100 -1.139 .180 -1.030	x/C CP 0.000 .965 .010077 .030981 .050 -1.166 .100 -1.076 .180621
.825 .014 .841 .067 .857 .123 .873 .144 .868 .165	.300241 .350176 .400117 .450061 .500032 .550060 .600154 .650303 .700507 .750748 .850 -1.111	.050 -1.0/5 .100 -1.110 .120 -1.153 .180994 .250328 .300356 .350367 .400386 .450412 .500459 .550492 .600570	.300410 .350409 .400460 .450492 .500504 .550510 .600524 .650463 .700367 .750298 .850102 .950 .078	-180	.300427 .350412 .400423 .450393 .500418 .550411 .600383 .650350
		-650576 -700545 -800290 -900055 -950 -048 0.000 0.000			

X/Ç.	CP	X/C	CP	X/C	CP	x/C	CP	x/c	CP
- 005	-862	-005	-827	-005	.786	.005	-690	-005	.639
-025	.379	.025	. 053	- 025	.030	.025	.060	.025	051
-050	-106	-050	159	.050	244	.050	148	. 050	275
-100	153	- 100	300	-100	314	.100	312	-100	318
-180	362	- 120	339	-180	351	.180	350	-180	309
-300	488	.180	374	-400	440	.300	419	-300	327
-400	481	- 250	396	-500	427	.400	393	-400	346
-500	493	- 300	493	-600	381	.500	403	-500	350
-600	414	-400	443	-650	203	.600	314	.600	273
-650	303	-500	496	.700	064	-650	173	-650	177
.700	198	-600	404	-750	.06&	.700	047	.700	051
.750	070	-650	241	£ 800	-167				•
-800	-052	- 700	099	.900	.268				
-900	-137	-750	-034	- 950	.280				
. 950	.124	-800	.122						
		- 850	.173						
		-900	.239						
		-950	.258						





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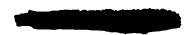
# TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

# (d) M = 0.775 - Continued

 $\alpha = 2.95^{\circ}$ :  $C_L = 0.425$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FU:	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	x/C CP	X/C CP
.731	479	0.000 .770	0.000 .979	0.000 .969	0.000 1.005	0.000 .935
.747	-1.185	-010431	-003 -255	-010365	.010216	.010227
.763	896	-030951	-010528	-030 -1-228	-030 -1-166	.030 -1.106
.778	390	-050965	.020816	-050 -1-305	-050 -1-306	-050 -1-283
.794	189	-100 -1-006	.025957	-100 -1-304	.100 -1.260	.100 -1.266
-810	084	-180 -1-159	-030 -1-113	-180 -1-216	.180 -1.265	.180 -1.062
.825	.007	.300625	.050 -1.228	.300 -1.110	.300 -1.133	.300402
.841	- 064	-350278	-100 -1-246	.350 ~1.055	.350 -1.076	.350351
.857	-118	-400132	-120 -1-260	.400387	.400560	.400396
.873	-144	-45008C	-180 -1-201	-450328	.450275	.450375
.888	.172	-500054	-250 -1-122	.500380	-500290	.500413
		.550077	.300923	.550441	.550356	.550418
		-600169	.350345	-600455	.600352	.600379
		.650319	.400339	-650427	.650349	.650354
		.700519	-450376	.700351	.700298	.700341
		.750757	-500432	.750293	1.00 12,0	
		-850 -1.135	.550486	-850107		
		-950228	.600558	-95C -080		
		332	.650557	1730 1000		
			.700534			
			.800293			
			.900056			
			.950 .049			
			0.000 0.000			
			0 + 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			

CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
<b>.9</b> C9	-005	. 887	.005	- 845	-005	.777	.005	.717
.469	-025	-187	-025	-169	. 025	-194	.025	.108
.184	-050	029	- 050	074	.050	047	-050	140
069	-100	208	-100	181	.100	203	-100	218
253	. 120	226	-180	248	-180	252		249
4C7	-180	265	-400	367		334		279
409	- 250	3C6						303
447	. 300	416						317
390								258
								165
								041
						****		••••
				_				
			• • • • • • • • • • • • • • • • • • • •	4271				
4								
		.266						
	.9C9 .465 .184 069 253 4C7 409	.9C9 .005 .465 .025 .184 .050069 .100253 .1204C7 .180409 .250447 .300390 .400277 .500181 .600056 .650 .072 .700 .158 .750	.9C9 .005 .887 .469 .025 .187 .184 .050029 069 .100208 253 .120226 4C7 .180265 409 .2503C6 447 .300416 390 .400393 277 .500437 181 .600364 056 .650219 .072 .700085 .158 .750 .049 .136 .800 .140 .850 .184 .900 .249	.9C9 .005 .887 .005 .465 .025 .187 .025 .184 .050 -029 .050069 .100208 .1002C3 .1202C6 .1804C7 .1802C5 .400409 .2503C6 .500447 .300416 .600447 .300416 .600447 .500437 .700181 .600364 .750181 .600364 .750181 .600364 .750 .072 .700085 .9C0 .158 .750 .049 .950 .136 .800 .140 .850 .184	.909 .005 .887 .005 .845 .469 .025 .187 .025 .169 .184 .050029 .050074069 .100208 .100181253 .120226 .180248407 .180265 .400367409 .250306 .500379447 .300416 .600358390 .400393 .650184277 .500437 .700048181 .600364 .750 .075056 .650219 .800 .179 .072 .700085 .900 .283 .158 .750 .049 .950 .291 .136 .800 .140	.909	.969	.969

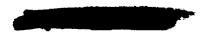


### (d) M = 0.775 - Continued

 $\alpha = 3.92^{\circ}; C_{L} = 0.551$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
FUSELAGE  X/L CP  .731523  .747 -1.227  .763838  .778358  .794168  .810077  .825 .015  .841 .070  .857 .127  .873 .148  .888 .178	X/C CP .0-000 .672 .010 -508 .030 -1.056 .050 -1.092 .100 -1.161 .180 -1.259 .300962 .350492 .400283 .450137 .500107 .550125 .600207 .650344 .700546 .750767 .850767	X/C CP 0.000 .908 .003 .140 .010635 .020932 .025 -1.060 .030 -1.201 .050 -1.358 .100 -1.358 .120 -1.368 .180 -1.318 .250 -1.274 .300 -1.216 .350 -1.123 .400492 .450370 .500399 .550437 .600492	X/C CP 0.000 .939 .010425 .030 -1.289 .050 -1.384 .100 -1.384 .180 -1.341 .300 -1.296 .350 -1.250 .400 -1.260 .450517 .500357 .550302 .600315 .650333 .700275 .750257 .850089 .950 .082	X/C CP 0.000 .972 .010320 .030 -1.248 .050 -1.387 .100 -1.377 .180 -1.354 .300 -1.327 .350 -1.271 .400 -1.251 .450683 .500376 .550271 .600250 .650252 .700232	X/C CP 0.000 .903 .010298 .030 -1.195 .050 -1.361 .100 -1.356 .180 -1.207 .300 -1.008 .350669 .400362 .450384 .550387 .600371 .650348 .700331
		.700472 .800268 .900055 .950 .050			

.005 .956 .005 .938 .005 .897 .005 .859 .00 .025 .521 .025 .305 .025 .251 .025 .308 .00	5 .185
.005 .956 .005 .938 .005 .897 .005 .859 .00 .025 .521 .025 .305 .025 .251 .025 .308 .00	5 .784 5 .185 0047
·025 ·521 ·025 ·309 ·025 ·251 ·025 ·308 ·0	5 .185 0047
000	0047
-050 -250 -050 -066 -050 -013 -050 -056 -0	
100 001	130
100 222	
	0205
-300342	0238
-400354 -250219 -500346 -400288 -4	
-500411	
.600349 .400334 .650165 .600277 .60	
450 964	
100 100 100 100	0152
-700158	0030
-750031 .650195 .800 .191	
.800 .084 .700065 .900 .291	
•950 •151	
.850 .200	
900 -263	



# (d) M = 0.775 - Concluded

# $\alpha = 4.94^{\circ}; C_{L} = 0.679$

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731587 .747 -1.284 .763728 .778326 .794151 .810067 .825 .022 .841 .077	X/C CP 0.000 -5%6 .010645 .030 -1.218 .050 -1.191 .100 -1.275 .180 -1.355 .300 -1.236	X/C CP 0.000 .853 .003 .022 .010763 .020 -1.049 .025 -1.179 .030 -1.308 .050 -1.428	X/C CP 0.000 .889 .010574 .030 -1.393 .050 -1.495 .100 -1.465 .180 -1.429 .300 -1.404	X/C CP 0.000 .930 .010432 .030 -1.338 .050 -1.474 .100 -1.475 .180 -1.459 .300 -1.418	X/C CP 0.000 .853 .010415 .030 -1.290 .050 -1.466 .100 -1.445 .180 -1.303 .300 -1.133
.851 .077 .857 .129 .873 .153 .888 .179	.350616 .400483 .450353 .500271 .550273 .600335 .650416 .700594 .750800 .850580 .950208	.100 -1.478 .120 -1.450 .180 -1.422 .250 -1.388 .300 -1.357 .350 -1.316 .400949 .450687 .500500 .550438 .600425 .650417 .700389 .800233 .900049 .950 .044 0.000 0.000	.350 -1.372 .400 -1.374 .450 -1.332 .500665 .550560 .600434 .650286 .700206 .750160 .850049 .950 .090	.350 -1.396 .400 -1.366 .450976 .500673 .550467 .600294 .650230 .700192	.35 -1.094 .4C -1.098 .4S J459 .5)(350 .5)0348 .600348 .650340 .700332

X/C	CP	2/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.983	.005	.976	-005	.945	-005	.913	-005	.844
.025	.593	- 025	-410	. 025	-401	.025	.407	.025	.298
.050	.337	.050	-164	.050	.138	•050	-140	•050	.056
.100	-073	.100	011	.100	.025	.100	025	.100	061
-180	155	. 120	040	-180	114	-180	093	.180	150
. 300	2 82	.180	116	-400	257	.300	228	.300	206
-400	307	. 250	17C	•500	299	.400	250	-400	246
-500	358	. 300	266	-600	298	.500	288	•500	273
.600	318	.400	287	.650	148	-600	258	-600	229
-650	231	.500	338	.700	022	.650	129	-650	148
.700	144	.600	309	-750	.103	.700	017	-700	033
.750	018	.650	182	. 800	.197	• • • • •			****
-800	-099	.700	053	-900	.294				
-900	.177	.750	.076	.950	.300				
.950	-156	. 800	. 161						
	••••	.850	- 208						
		.900	.268						
		.950	-282						





(e) M = 0.80

 $\alpha = -1.03^{\circ}$ ;  $C_{L} = -0.094$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WENG UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731402		0.000 1.053	0-000 1-023	0.000 .999	0.000 .946
.747 -1.042	-010 -246	.003 .730	.010 .196	.010 .341	.010 .360
.763918	-030249	-010 -090	.03C5J4	.030504	.030459
.778398	-05Q <b>348</b>	.02016C	.050458	.050475	.050495
.794 181	-100457	.025257	.100455	-100457	.100435
-810070	-180472	.030371	-180388	.180471	-180353
.825 .018	-300177	.050451	.300412	.300429	.300369
.841 .073	.350099	.100448	.350378	.350375	.350318
.857 .120	-400038	.120412	.400409	.400417	.400357
.873 .146	•450 •022	.180326	.450440	.450433	.450334
.888 .172	<b>-500 -048</b>	.250312	.500463	.500444	.500371
	-550 -021	.300296	.550490	.550455	-550373
	<b>.600073</b>	.350276	-600532	.600441	.600343
	<b>.650221</b>	.400292	.650500	.650386	-650316
	•700 <b>4</b> 22	.450314	.700363	.700322	.700304
	<b>-7506</b> 54	.500365	.750292		
	<b>.850</b> -1.019	.550419	.850098		
	<b>.9502</b> 75	.600512	.950 .094		
		-650538	• • • • • • • • • • • • • • • • • • • •		
		.700628			
		.800285			
		.900046			
		.950 .068			
		0.000 0.000			

				W 1110 CON	FW 3041 WC				
X/C	CP	X/C	CP	x/c	CP	x/C	CP	x/c	CP
-005	-667	- 005	.578	.005	-486	-005	.326	-005	-251
.025	- 089	.025	386	-025	439	.025	430	.025	~.605
-050	135	.050	537	.050	770	- 050	664	- 050	172
·100	360	. 100	703	-100	804	-100	819	.100	846
-180	597	.120	736	.180	727	. 180	845	.180	653
- 300	761	.180	745	.400	823	.300	824	.300	513
400	728	.250	784	-500	891	.400	810	.400	472
-500	857	. 300	816	.600	318	.500	395	.500	487
-600	572	.400	780	.650	163	.600	342	.600	331
-650	297	.500	856	.700	052	.650	177	-650	207
.700	208	-600	370	.750	-066	.700	041	.700	055
-750	085	.650	210	. 800	-154		••••	•.00	
.800	.018	.700	094	. 900	-260				
-900	-110	.750	.023	. 950	.272				
-950	-089	.800	.103						
		.850	.148						
		.900	-229						
		.950	. 253						



# (e) M = 0.80 - Continued

 $\alpha = -0.06^{\circ}$ ;  $C_{L} = 0.027$ 

		STATLUN	-148	STATIO	N -402	STATIO	N .595	STATIO	N .775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFACE	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	384	0.000 1	.013	0.000	1-052	0.000	1.036	0.000	1.018	0.000	.973
	-1.040	-010	-086	.003	.633	.010	.081	.010	.216	.010	.216
. 763	- <b>. 98</b> 2	-030 -	-410	.010	045	.030	755	.030	690	.030	630
.778	416	-050 -	-501	-020	345	.050	697	-050	790	.050	724
.794	185	-100 -	.578	.025	505	.100	584	-100	630	.100	518
-810	073	-180 -	- 662	.030	579	.160	491	-180	596	.180	414
.825	.017	-300 -	-215	.050	710	. 300	505	•300	488	.300	416
.841	- 076	-350 -	-135	.100	663	.350	434	•350	418	-350	372
.857	.117	-400 -	-061	.120	605	.400	454	-400	453	.400	395
.873	- 144	-450	-003	.180	453	.450	469	-450	479	.450	359
.888	-172	-500	.033	.250	362	.500	495	• 500	484	.500	396
		-550	.011	. 300	352	.550	508	.550	492	.550	388
		- 600	-086	.350	338	-600	563	-600	473	•600	367
		-650 -	-232	-400	329	.650	533	.650	404	•650	336
		.700 -	.430	.450	351	.700	369	.700	334	.700	319
		.750 -	.66l	.500	399	.750	290		••••		
		-850 -1	.007	-550	443	-850	094				
		<b>-950</b> -	.279	.600	537	- 950	.097				
				-650	566		•••				
				.700	656						
				.800	290						
				.900	041						
				.950	.064						
				0.000	0.000						

						-			
X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
-005	.747	.005	-676	- 005	.571	-005	.433	.005	.380
.025	-202	.025	232	-025	312	- 025	270	. 025	405
-050	043	.050	425	.050	605	-050	520	.050	670
-100	280	-100	572	-100	598	- 100	645	-100	618
-180	524	.120	587	.180	605	-180	619	-180	526
.300	669	-180	621	.400	668	. 300	688	.300	482
-400	641	. 250	624	-500	588	.400	493	.400	461
- 500	728	.300	725	.600	401	•500	510	.500	459
-600	469	-400	690	.650	207	-600	352	-600	318
.650	320	.500	736	.700	061	-650	185	-650	203
.700	213	.600	403	.750	.063	.700	046	.700	054
. 750	083	.650	235	-800	.158	•100	040	-100	
.800	-026	.700	10C	.900	.261				
. 900	.115	.750	-025	-950	.270				
.450	-090	.800	.106	• ,,,,					
	00.20	.850	.155						
		.900	.230						
		.950	. 252						
		3770	72						



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# TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(e) M = 0.80 - Continued

 $\alpha = 0.96^{\circ}; C_{L} = 0.159$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731382 .747 -1.044 .763 -1.134 .778418 .794189	X/C CP 0.000 .977 .010088 .030569 .050671 .100695	X/C CP 0.000 1.044 .003 .529 .010217 .020466 .025620	X/C CP 0.000 1.036 .010058 .030921 .050995 .100896	X/C CP 0.000 1.022 .010 .102 .030864 .050935 .100911	X/C CP 0.000 .982 .010 .106 .030797 .050976 .100822
.810076 .825 .018 .841 .074 .857 .125 .873 .147 .888 .172	.180903 .300197 .350133 .460072 .450014 .500 .019 .550008 .600097	.030774 .050871 .100917 .120905 .180743 .250354 .300345	.180846 .300473 .350455 .400489 .450505 .500525 .550538	.180868 .300392 .350305 .400418 .450484 .500480 .553510	.180606 .300426 .350001 .400423 .450398 .500422 .550 - 415
	-650242 -700444 -750668 -850 -1-040 -950277	.400351 .450376 .500420 .550464 .600555 .650588 .700680 .800284 .900041 .950 .060	.650545 .700371 .750293 .850091 .950 .090	.650412 .700336	.650349 .700327

X/C	CP	X/C	CP	x/C	CP	x/C	CP	x/c	CP
-005	-801	.005	.735	.005	.670	-005	.538	.005	.492
-025	-315	. 025	092	.025	128	.025	121	-025	239
- 050	.043	.050	264	-050	378	-050	340	.050	441
-100	196	.100	466	. 100	415	.100	502	.100	448
-180	45G	.120	482	.180	506	.180	486	-180	442
.300	613	.180	480	- 400	563	.300	552	-300	411
-400	578	. 250	509	.500	548	.400	496	.400	430
-500	631	- 300	652	.600	404	.500	494	.500	417
-600	466	-400	587	.650	205	.600	342	.600	306
-650	323	-500	696	.700	060	.650	179		
.700								.650	194
	214	.600	424	. 750	-066	.700	04 L	<b>-70</b> 0	048
-750	078	. 650	241	.800	. 164				
.800	-035	. 700	101	.900	-268				
•900	-127	. 750	-030	. 950	.281				
- 950	.096	. 800	-117						
		850	143						



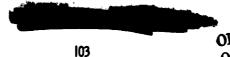


# (e) M = 0.80 - Continued

 $\alpha = 1.96^{\circ}; C_{L} = 0.298$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	E	
X/L CP -741407 -747 -1.076 -763 -1.137 -778418 -794202 -810084 -825 -002 -841 -064 -857 -115 -873 -145 -888 -167	X/C CP G.000 .882 .010211 .030694 .050785 .100828 .180988 .300651 .350179 .400077 .450023 .500 .008 .550022 .600112 .650255 .700450 .750681 .850 -1.057 .950281	X/C CP 0.000 1.020 .003 .402 .010310 .020423 .025751 .030886 .050 -1.007 .100 -1.045 .120 -1.053 .180 -1.004 .250933 .300789 .350260 .400308 .450351 .500413 .550444 .600555 .650586 .700677 .800306 .900047 .950065 0.000 0.000	X/C CP 0.000 1.017 .010171 .030 -1.006 .050 -1.113 .100 -1.053 .180 -1.000 .300 -1.009 .350914 .400450 .450382 .500416 .550433 .600548 .650499 .700363 .750291 .850095	x/C CP 0.000 1.021 .010035 .030957 .050 -1.087 .100 -1.047 .180 -1.001 .350998 .400782 .450267 .500262 .550384 .600402 .650369 .700318	X/C CP 0.000 .971 .010020 .030901 .050 -1.083 .100 -1.043 .180879 .300723 .350366 .400340 .450345 .500401 .550398 .600387 .650354 .700333

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	.870	- 005	.819	- 005	.776	.005	-668	.005	-621
. 025	-396	- 025	- 068	.025	.032	.025	.062	.025	070
.050	-111	. 050	171	.050	233	.050	215	.050	
- 100	123	-100	315	. 100	293	.100			298
-180	362						339	.100	346
		-120	342	- 180	396	-180	373	.180	368
-300	543	-180	385	-400	484	.300	461	. 300	365
-400	500	· 250	417	-500	491	.400	451	.400	384
- 500	549	- 300	556	-600	392	-500	444	•500	390
.600	439	-400	513	-650	196	.600	331	-600	287
-650	306	-500	551	.700	052				
.700	200					-650	168	.650	178
		.600	408	<b>.</b> 750	.080	•700	034	.700	043
. 750	059	•650	232	-800	.175				
-800	-050	. 700	093	-900	.279				
-900	-141	. 750	-041	.950	.291				
.950	-118	-800	- 132		****				
		.850	. 173						
		- 900	. 248						
		•950	-264						





# (e) M = 0.80 - Continued

# $\alpha = 2.92^{\circ}; C_{L} = 0.433$

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731425 .747 -1.11 .763995 .778400 .794198 .810087 .825 .003 .841 .068 .857 .114 .873 .144 .888 .167	X/C CP 0.000 .829 .010313 .030874 .050885 .100932 .180 -1.074 .300963 .350508 .400186 .450080 .500033 .550054 .600134 .650277 .700467 .750693 .850260	X/C CP 0.000 .989 .003 .311 .010424 .020736 .025843 .030 -1.010 .050 -1.125 .100 -1.125 .120 -1.147 .180 -1.121 .250 -1.129 .300 -1.069 .350 -1.057 .400508 .450367 .500387 .550454 .600534 .650563 .700621 .800292 .900049 .950 .065 0.000 0.000	X/C CP 0.000 1.003 .010245 .030 -1.084 .050 -1.192 .100 -1.184 .180 -1.117 .300 -1.111 .350 -1.105 .400 -1.073 .450 -1.054 .500378 .600378 .600346 .650310 .700276 .750251 .850081	X/C CP 0-000 1.012 .010131 .030 -1.042 .050 -1.183 .100 -1.154 .180 -1.160 .300 -1.121 .350 -1.114 .400 -1.111 .450 -1.107 .500595 .550341 .600246 .650218 .700196	X/C CP 0.000 .961 .010105 .030 -1.004 .050 -1.165 .100 -1.167 .180 -1.008 .300891 .350991 .400775 .450350 .500325 .550344 .600343 .650327 .700316

				WING LOW	ER SURFAC	E			
X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
-005	-909	.005	.886	.005	. 83 8	-005	.746	.005	-692
-025	•457	. 025	.186	.025	-130	.025	-174	.025	.043
.050	-205	-050	058	.050	107	.050	098	.050	166
- 100	053	. 100	201	.100	194	.100	230	.100	
.180	295	.120	257	-180	279	.180	291	-	261
- 300	448	-180	278	.400	424			-180	291
.400	454	. 250	321	.500	428	-300	369	• 30 0	324
.500	500	. 300	463			•400	390	•400	350
-600	421	.400		-600	380	•500	406	.500	354
.650	292		448	-650	186	-600	316	-600	278
.700		-500	498	.700	041	-650	158	-650	171
	185	.600	386	.750	.085	.700	030	- 700	036
-750	050	.650	221	.800	.184				
-800	-066	.700	079	. 900	.288				
-900	-155	. 750	. 057	.950	.301				
.950	-133	.800	.149						
		.850	.188						
		.900	. 256						
		. 950	.274						



### (e) M = 0.80 - Continued

 $\alpha = 3.97^{\circ}$ :  $C_{L} = 0.573$ 

		STATION .148	STATION .402	STATEON .595	STATION .775	STATION .913
FuS	ELAGE			WING UPPER SURFACE	<b>.</b>	
X/L .731	CP 481 1.148 846 373 183 075 017 076 123 164	X/C CP 0.000 .724 -010450 .030977 .050994 .100 -1.080 .180 -1.178 .300 -1.196 .350729 .400411 .450268 .500182 .550170 .600208 .650325 .700495 .700495 .700495 .750713 .850725 .950300	X/C CP 0.000 .949 .003 .212 .010554 .020867 .025946 .030 -1.093 .050 -1.221 .100 -1.265 .120 -1.249 .180 -1.224 .300 -1.224 .300 -1.224 .350 -1.208 .400 -1.81 .450581 .500530 .550485 .600494 .650527 .700993	X/C CP 0.000 .962 .010364 .030 -1.177 .050 -1.282 .100 -1.274 .180 -1.243 .300 -1.221 .350 -1.203 .400 -1.196 .450 -1.198 .500 -1.209 .550613 .600500 .650391 .700261 .750191 .850 -044 .950 .103	x/C CP 0.000 .991 .010222 .030 -1.137 .050 -1.271 .100 -1.259 .180 -1.234 .350 -1.234 .350 -1.235 .450 -1.235 .500 -1.060 .550549 .600453 .650360 .700219	X/C CP 0.000
			.700493 .800262 .900042 .950 .065 0.000 0.000			

### WING LOWER SURFACE

				WING COM	EK JOKPAL				
X/C	CP	X/C	CP	x/C	CP	X/C	CP	X/C	CP
-005	-957	. 005	.938	.005	.893	. 005	. 843	.005	.774
.025	.533	-025	. 302	.025	.259	.025	.277	.025	.183
.050	-258	.050	.07C	.050	.005	.050	.028	.050	068
.100	.014	-100	087	.100	095	.100	121	.100	172
.180	218	.120	153	.180	203	.180	187	.180	232
. 300	369	.180	204	.400	347	.300	307	.300	279
- 400	377	. 250	248	.5CO	383	-400	328	.460	311
- 500	442	. 300	362	-600	353	.500	356	.500	~.334
-600	386	. 400	371	.650	175	-600	296	.600	263
.650	270	.500	436	.700	036	-650	151	.650	168
.700	167	.600	368	.750	. 091	.700	030	.700	037
. 750	035	.650	208	.800	. 192			•	03.
.800	-084	.700	06 E	.900	.290				
-900	.166	. 750	.071	.950	.298				
.950	.134	.800	. 153						
		.850	- 200						
		. 900	. 265						
		-950	-280						



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# TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

## (e) M = 0.80 - Concluded

 $\alpha = 4.96^{\circ}$ ;  $C_{L} = 0.657$ 

FUSELAGE	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
X/L CP .731516 .747 -1.190 .763785 .778343 .794167 .810068 .825 .015 .841 .069 .857 .120 .873 .150 .888 .173	X/C CP 0.000 .633 .010541 .030 -1.102 .050 -1.089 .100 -1.158 .180 -1.263 .300 -1.276 .350914 .400574 .450380 .500297 .550266 .600310 .650405 .700545 .750745 .850629 .950245	X/C CP 0.000 .901 .003 .129 .01036 .020943 .025 -1.057 .030 -1.173 .050 -1.289 .100 -1.331 .120 -1.336 .180 -1.310 .250 -1.312 .300 -1.300 .400 -1.221 .500 -674 .550 -513 .600 -445 .650 -445 .650 -445 .650 -421 .700 -392 .800235 .900058 .950 .041 0.000 0.000	X/C CP 0.000 .908 .010435 .030 -1.256 .050 -1.372 .100 -1.340 .180 -1.304 .300 -1.295 .400 -1.252 .450 -1.047 .500636 .550581 .600548 .650481 .700414 .750348 .850191 .950082	X/C CP 0.000 .957 -010305 -030 -1.212 -050 -1.353 -100 -1.351 -180 -1.339 -300 -1.307 -350 -1.297 -400 -1.295 -450 -1.163 -500696 -550474 -600497 -650408 -700324	X/C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	-990	-005	.972	-005	. 94 8	.005	. 468	• 005	
.025	.588	.025	. 371	.025	.341	.025	.355		.830
.050	-324	-050	-164					-025	.246
-100	.073			-050	- 100	.050	. 140	-050	.008
		- 100	023	.100	006	.100	036	-100	109
-180	172	-120	062	-180	145	- 180	124	-180	195
- 300	316	-180	14C	-400	314	.300	264	-300	-
-400	342	.250	208	.500	359	.463			254
-500	410	- 300	325	.600			~.310	-400	300
-600	357				366	-500	<b>~.361</b>	-500	327
-650		-400	330	-650	186	.600	317	-600	265
	256	•500	404	.700	05 7	-650	165	-650	168
. 700	157	-600	359	.750	-068	.700	049	.700	045
. 750	030	-650	210	.800	. 163	• • • • •	,	. , , ,	~.045
-800	.088	.700	073	•900	-244				
.900	-171	.750	. 057						
-950	-			- 950	-242				
. 730	-148	-800	.152						
		- 850	-195						
		-900	. 262						
		.950	. 276						



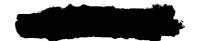


TABLE VII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

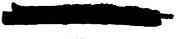
(f) M = 0.825

 $\alpha = -1.03^{\circ}; C_{L} = -0.138$ 

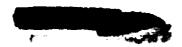
		STATIC	M .148	STATIO	N .402	STATIO	IN .595	STATIC	N .775	STATIC	.913
FUS	ELAGE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	322	0.000	1.083	0.000	1.068	0.000	1.030	0.000	1.004	0.000	.943
. 747	<b> 94</b> 9	-010	.211	.003	- 744	.010	.202	-010	.341	-010	.336
	-1.014	.030	245	.010	.081	.030	552	-030	528	.030	502
.778	391	-050	323	-020	160	.050	459	- 050	506	.050	527
. 794	156	- 100	410	.025	276	.100	421	-100	487	.100	452
. 810	059	-180	535	.030	35L	.180	407	.180	503	.180	385
.825	.032	- 300	164	. 050	504	-300	446	. 300	462	. 300	411
. 841	. 082	.350	086	-100	510	.350	378	.350	386	.350	342
.857	. 135	.400	017	- 120	447	-400	415	.400	440	-400	397
.873	.161	-450	-046	.180	341	. 450	441	.450	480	.450	364
.888	.187	-500	.078	. 250	317	-500	425	.500	497	.500	409
		-550	•056	.300	296	.550	509	.550	509	-550	414
		.600	037	. 350	268	-600	577	-600	518	.600	394
		.650	176	. 400	276	.650	639	-650	466	-650	343
		- 700	366	.450	298	.700	540	-700	340	.700	321
		.750	586	-500	~. 351	.750	288		••••	****	
		. 850	899	.550	393	-850	084				
		•950	233	.600	487	.950	. 095				
				.650	524		•				
				.700	626						
				.800	366						
				.900	031						
				.950	.073						
				0.000	0.000						

#### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	-684	-005	-603	-005	.508	.005	.332	-005	.254
-025	-156	. 025	332	.025	374	.025	355	.025	531
-050	093	.050	457	.050	686	-050	584	.050	701
. 100	321	.100	437	-1G0	749	. 100	740	.100	813
180	572	-120	668	- 180	741	.180	794	-180	755
.300	722	.180	106	.400	804	.300	8>	.300	695
. 400	705	.250	733	.500	900	.400	631	.400	657
-500	832	- 300	777	.600	300	.500	905	-500	591
-600	968	.400	776	.650	235	.600	260	.600	298
-650	43.	-500	867	-700	186	.650	159	.650	184
.700	326	.600	413	.750	133	.700	047	.700	042
.750	244	. 650	298	.800	058		047		042
.800	182	.700	251	.900					
				• 400	-001				
. 900	022	.750	194	. 950	. 157				
.950	.034	-800	148						
		. 850	104						
		-900	.031						
		.950	. 123						



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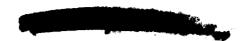


## (f) M = 0.825 - Continued

 $\alpha = -0.06^{\circ}$ ;  $C_{L} = -0.012$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .73i332 .747959 .763 -1.136 .774178 .810065 .825 .022 .841 .077 .857 .126 .873 .156 .888 .177	X/C CP 0.000 1.018 .010 .122 .030392 .050448 .100559 .180724 .300157 .350098 .400030 .450 .029 .500 .067 .550 .045 .600045 .650179 .700375 .750596 .850957 .950251	X/C CP 0.000 1.062 .003 ./39 .010 - 058 .020324 .02542C .030535 .050477 .10069C .120684 .180548 .250281 .300328 .350309 .400309 .450327 .500375 .550420 .600567 .700641 .800322 .900018 .950 .074 0.000 0.000	X/C CP 0.000 1.041 .010 .102 .030701 .050690 .100527 .300500 .350462 .400464 .450462 .550524 .600508 .650657 .700525 .750274 .850066 .950 .115	X/C CP 0.000 1.025 .010 .244 .030653 .050756 .100617 .300617 .300546 .350 .456 .400408 .150 .470 .500513 .550536 .600540 .650471 .700339	X/C CP 0.000 .971 .010 .245 .030600 .050786 .100656 .100656 .100480 .300437 .350370 .70417 .450398 .500449 .550443 .600412 .650358 .700326

						_			
X/C	CP	X/C	CP	X./C	CP	X/C	CP	X/C	CP
-705	<b>-780</b>	- 005	- 69 3	- 005	.584		-		
.025	.226	.025	186			-005	.463	.005	.342
.050				.025	262	.025	242	.025	394
	008	. 050	34 7	-050	574	.050	505	-050	430
-100	~.260	.100	522	-100	400				
-180	4 56	. 120				-100	617	- 100	672
			582	- 180	579	.180	460	.180	582
.300	654	- 180	623	-400	740	. 300	725	.300	
-400	~.651	.250	599	-500	823				571
.500	781	. 300				-400	727	.400	500
			704	.600	390	.500	791	. 500	571
-600	896	.400	690	.650	214	-600	268	.600	
-650	547	-500	797	.700	140			-	305
.700	280					.450	145	.450	188
		.600	608	<b>.</b> 750	048	.700	027	.700	042
.750	161	.650	272	. 800	.050				
- 800	058	. 700	197	-900	- 204				
.900	-085	. 750							
-950			130	- 950	. 245				
~ A 2 N	-0A2	# ^ ^	- 04 0						

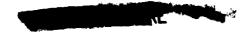


## (f) M = 0.825 - Continued

 $\alpha = 0.92^{\circ}; C_{L} = 0.138$ 

	STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
FUSELAGE  X/L CP .7313274796763 -1.1577844794208100.72825008410.748571.248731.528881.71	8 .010066 9 .030535 5 .050624 3 .100651 3 .180811 9 .300356 6 .350098 6 .400028	X/C CP 0.000 1.056 .003 .556 .010159 .020425 .025554 .030687 .050805 .100852 .120873 .180842 .250727 .300442 .350242 .400298 .450328 .500380 .550429	X/C CP 0.000 1.043 .010017 .030837 .050904 .100836 .180760 .350467 .400405 .450445 .500445 .500541 .600572 .650623 .700540 .750289 .850072 .950107	X/C CP 0.000 1.030 .010 .140 .030757 .050880 .100839 .300823 .350818 .400613 .450393 .500303 .550388 .600462 .650494 .700353	X/C CP 0.000 .977 .010 .126 .030739 .050915 .100863 .180729 .300637 .350615 .400330 .450326 .500395 .550417 .600416 .650368 .700339
		.650558 .700658 .800414 .900030 .950 .070			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	-825	.005	. 751	.005	-691	.005	.538	.005	.498
.025	.345	-025	066	.025	094	.025	108	.025	227
.050	-080	.050	244	.050	369	.050	382	-050	453
-100	168	.100	437	.100	431	-100	530	.100	
-180	429	.120	476	-180	501	.180	523		497
-300	594	-180	479	.400	619			-180	488
.400	583	.250	540	.500		- 300	635	-300	517
-500	700	-300	612		733	-400	626	-400	460
.600	817	-400		.600	420	-500	692	- 500	480
-650			633	-650	173	•600	314	-600	303
	361	-500	703	-700	043	•650	158	-650	182
.700	192	-600	776	. 750	- 06 8	.700	028	.700	037
.750	073	•650	252	- 800	-155				
.800	.027	. 700	125	- 900	-265				
-900	.125	.750	~.043	.950	.282				
.950	•103	.800	-038						
		-850	-110						
		.900	.195						
		.950	-238						



(f) M = 0.825 - Continued

 $\alpha = 1.97^{\circ}$ ;  $C_{L} = 0.297$ 

FUSELAGE  X/L CP X/C CP  .731358	X/C CP 0.000 1.034	WING UPPER SURFACE	X/C CP	
.731358 0.000 .916 .747994 .010154	0.000 1.034		Y/C CD	
.747994 .010154			A/C GF	X/C CP
		0.000 1.037	0.000 1.035	0.000 .984
-763 -1-176 -030656	.003 .464	.010089	-010 -052	.010 .034
	-010247	-030927	.030874	.030809
.778436 .050717	.020539	.050 -1.017	.050986	.050988
.794224 .100752	-025660	.100976	.100963	.100971
.810089 .180945	.030817	.180949	-180980	.180872
<b>.825 .009 .300874</b>	.050902	.300963	-300945	.300807
.841 .069 .350304	-100956	.350910	.350963	.350794
.857 .117 .400114	.120963	.400935	.400946	.400771
.873 .148 .450016	.180939	.450927	.450952	.450680
.888 .167 .500 <b>.</b> 034	-250953	.500512	-500982	.500365
.550 .007	.300883	.550481	-550681	.550308
.600079	.350869	.600472	.600309	.600305
-650214	.400461	.650459	-650240	.650308
.700404	.450303	.700337	.700179	.700302
.750619	.500349	-750251		
.850983	.550422	.850070		
•950 -•293	-600520	.950 .112		
	.650571			
	.700671			
	-800406			
	.900032			
	.950 .073			
	0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
- 005	-879	.005	-828	-005	.782	-005	-660	-005	.595
-025	-407	.025	• 062	.025	.006	.025	.023	- 025	096
•050	-140	.050	154	-050	230	-050	215	. 050	345
- 100	107	.100	318	.100	304	-100	373	-100	404
.180	36 i	.120	35/	.180	406	-180	409	-180	427
.300	550	-180	389	.400	519	.300	523	.300	419
-400	518	.250	441	.500	640	•400	535	.400	443
-500	623	-300	589	.600	371	-500	576	.500	442
.600	696	.400	530	-650	176	•600	319	-600	290
.650	289	.500	663	.700	036	.650			
	7777						153	-650	177
. 700	183	-600	634	.750	-085	-700	024	.700	035
.750	059	-650	209	.800	.175				
.800	.051	.700	071	<b>" 900</b>	.278				
-900	-136	.750	.049	. 950	. 287				
. 950	.113	.800	.123	,,,,					
		860	14.3						

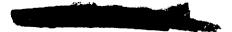


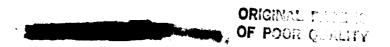
## (f) M = 0.825 - Continued

# $\alpha = 2.97^{\circ}; C_{L} = 0.434$

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			HING UPPER SURFACE		
X/L CP -731379 -747 -1.032 -763 -1.079 -778435 -794236 -810092 -825 .011 -841 .068 -857 .106 -873 .137 -888 .160	X/C CP 0.000 .843 .010255 .030775 .050814 .100834 .180 -1.009 .300 -1.050 .350642 .400289 .450149 .500051 .550053 .600115 .650239 .700419 .750631 .850988 .950316	X/C CP 0.000 1.006 .003 .366 .010353 .020623 .025756 .030909 .050 -1.026 .100 -1.080 .180 -1.047 .250 -1.062 .300 -1.069 .350 -1.073 .400 -1.014 .550495 .500495 .500496 .600531 .650584 .700686 .800320 .900035 .950 .067 0.000 0.000	X/C CP 0.000 1.009 .010197 .030998 .050 -1.091 .100 -1.056 .180 -1.042 .300 -1.036 .350 -1.020 .400 -1.029 .450 -1.030 .500996 .550 -1.060 .600542 .650399 .700320 .750225 .850074 .950 .096	X/C CP 0.000 1.026 .010059 .030951 .050 -1.082 .100 -1.070 .180 -1.058 .350 -1.072 .400 -1.073 .450 -1.068 .500 -1.073 .550942 .600455 .650364 .700296	X/C CP 0.000 .965 .010061 .030895 .050 -1.074 .100 -1.071 .180960 .300893 .350900 .400884 .450804 .500855 .550845 .600428 .650254 .700240

						•			
X/C	CP	X/C	CP	X/C	CP	x/c	.CP	X/C	CP
-005	•922	-005	. 895	. 005	. 833	.005	.746	•005	
- 025	.464	.025	- 189	-025	-140				-672
-050	-204	.050	044			-025	. 166	• 025	. 032
				- 050	128	.050	099	-050	218
-100	043	- 100	230	-100	210	-100	272	- 100	301
180	304	- 120	254	-180	330	.180	317		
. 300	496	-180	293					-180	35 l
				•400	493	-300	454	.300	372
-400	478	<b>.</b> 250	350	-500	580	-400	447	.400	427
.500	577	. 300	495	.600	384	-500	488		
-600	517	-400	487					-500	428
-650	286			-650	1 86	-600	336	-600	295
		- 500	574	.700	045	-650	159	-650	181
<b>.</b> 700	182	- 600	395	.750	.076	.700	027	•700	
.750	054	.650	209	-800	.171		-1021	•100	041
-800	-067								
		.700	074	<b>. 900</b>	.275				
-900	.153	.750	.059	•950	.286				
- 950	-128	. 800	- 141						
		.850·							
			-184						
		-900	- 255						
		•950	. 275						



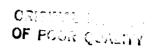


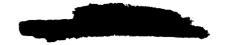
## (f) M = 0.825 - Continued

# $\alpha = 3.94^{\circ}; C_{L} = 0.524$

	STATION148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731416 .747 -1.075 .763967 .776422 .794219 .810088 .825 .009 .841 .061 .857 .105 .873 .133 .888 .155	X/C CP 0.000 .754 .010374 .030881 .050919 .100968 .180 -1.108 .300 -1.147 .350862 .400479 .450289 .500183 .550156 .600197 .650302 .700459 .750662 .850839 .950343	X/C CP 0.000 .976 .003 .286 .010452 .020721 .025836 .030979 .050 -1.102 .100 -1.154 .120 -1.150 .180 -1.133 .250 -1.142 .300 -1.156 .350 -1.138 .400 -1.125 .450 -1.125 .500663 .550497 .600461 .650482 .700505 .800291 .900048 .950 .048	X/C CP 0.000 .989 .010270 .030 -1.061 .050 -1.174 .100 -1.164 .180 -1.136 .300 -1.125 .350 -1.117 .400 -1.113 .450 -1.089 .500626 .550491 .600462 .650435 .700397 .750340 .850247	X/C CP 0.000 1.010 .010119 .030 -1.024 .050 -1.153 .100 -1.147 .300 -1.133 .350 -1.134 .400 -1.145 .500943 .550543 .400469 .650405 .700352	X/C CP 0.000 .952 .010140 .030974 .050 -1.146 .100 -1.156 .180 -1.061 .300966 .350971 .400954 .450875 .500915 .550915 .550905 .600421 .656265 .700234

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	-970	.005	• <del>94</del> 2	-005	.878	.005	. 820	-005	.725
.025	-543	.025	.275	- 025	. 234	-025	-240	.025	.128
-050	-261	-050	.046	-050	026	-050	004	.050	116
-100	-022	-100	139	-100	117	-100	172	.100	223
-180	231	-120	182	-180	231	-180	256	-180	283
- 300	400	- 180	233	-400	429	-300	394	.300	332
-400	419	-250	293	-500	490	-400	427	.400	
- 500	511	. 300	428	-600	457	.500	499	.500	397
-600	467	- 400	452	.650	206	-600			420
-650	287	-500	529	.700	069		383	-600	306
-700	177	.600	480	-750	.047	-650	191	-650	189
.750	046	.650	223	-800		.700	066	.700	051
-800	.075	.700	083		-145				
-900	-158	-750		+900	-229				
-950	.138		-050	•950	•222				
**70	*130	-800	- 137						
		- 650	-178						





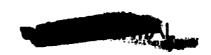
(f) M = 0.825 - Concluded

 $\alpha = 4.95^{\circ}; C_{L} = 0.608$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	ŧ	
X/L .731 .747	CP 462 -1. 106 846 395 188 070 010 068 103 128 157	X/C CP 0.000 .687 .010464 .030994 .050 -1.006 .100 -1.052 .180 -1.181 .300 -1.271 .350991 .400698 .450464 .500292 .550282 .600292 .650357 .700501 .750695 .850737 .950307	X/C CP 0.000 .927 .003 .191 .010541 .020818 .025927 .030 -1.071 .050 -1.176 .100 -1.226 .120 -1.235 .180 -1.201 .250 -1.208 .300 -1.211 .400 -1.211 .400 -1.211 .500841 .550841 .5508428 .600495	X/C CP 0.000 .955 .010340 .030 -1.140 .050 -1.249 .100 -1.226 .180 -1.215 .300 -1.218 .350 -1.185 .400 -1.151 .450817 .500574 .550532 .600497 .650464 .700427 .750387 .850303 .950216	X/C CP 0.000 .976 .010213 .030 -1.079 .050 -1.222 .100 -1.224 .180 -1.217 .300 -1.202 .350 -1.199 .400 -1.188 .450 -1.103 .500816 .550606 .600511 .650446 .700396	X/C CP 0.000 .913 .010206 .030 -1.038 .050 -1.205 .100 -1.223 .180 -1.036 .350 -1.031 .400 -1.038 .450946 .500983 .550964 .600482 .650296 .700266
			.800281 .900090 .950008 0.000 0.000			

#### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
• 005	-992	-005	.977	.005	• 925	•005	.876	•005	. 792
.025	.593	• 025	.365	-025	.318	-025	.327	.025	.206
.050	•332	•050	.133	-050	.070	• 050	.074	-050	031
- 100	.080	.100	050	-100	037	.100	087	-100	156
-180	177	-120	090	-180	170	-180	176	-180	226
.300	333	.180	157	-400	367	.300	329	-300	300
-400	371	-250	236	.500	··· 463	-400	395	-400	364
.500	477	- 300	352	-600	~.503	-500	461	-500	419
-600	422	-400	389	-650	233	-660	426	-600	317
-650	289	.500	496	.700	088	.650	213	-650	201
.700	174	-600	489	.750	.034	.700	077	-700	062
-750	043	-650	235	.800	.134				
.800	.083	.700	092	• 900	.220				
.900	-170	.750	.040	.950	. 196				
.950	-148	.800	.129						
		.850	.170						
		.900	.232						
		.950	-242						



# ORIGINAL DA A DE OF POOR QUALITY

# TABLE VIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1. $x_{T/c} = 0.05$

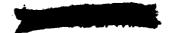
(a) M = 0.75

 $\alpha = 0.97^{\circ}; C_{L} = 0.166$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	510	0.000 .907	0.000 1.017	0.000 1.017	0.000 1.016	0-000 -977
	-1.193	-010171	.003 .456	.010186	.010017	-010 -010
.763	783	•030 <b>-•665</b>	-010307	.030 -1.104	.030 -1.031	.030902
.778	367	-050847	-020(10	.050 -1.076	-050 -1-106	.050985
. 794	181	-100771	.025758	.100656	.100686	.100536
.810	086	.180678	.030920	.180564	.180602	-180447
.825	. 008	-300303	.050987	-300494	.300487	.300403
.841	. 064	.350 <b></b> 217	.100690	.350479	.350 ~.463	.350382
. 857	-115	-400132	.120619	.400469	.400454	.400376
.873	.145	.450082	.180490	·450472	.450442	.450351
.888	.158	-500060	.250453	.500478	.500435	.500373
		.550079	.300423	.550469	.550433	.550366
		-600186	.350404	-600473	.600407	.600351
		.650345	.400397	.650430	.650363	.650325
		.700553	-450417	.700346	.700318	.700304
		.750798	.500455	.750283	.,,,	*100 -*304
		.850 -1.016	.550480	.850105		
		.950198	.600516	.950 .073		
		0.00	.650498	.,,,		
			.700455			
			.800273			
			.950 .044			
•			0.000 0.000			

H	IN	G	L	Ow	Ē	R	S	UR	F	A	C	E
---	----	---	---	----	---	---	---	----	---	---	---	---

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
- 005	.793	.005	.718	.005	.683	-005	.551	-005	.527
-025	-282	-025	094	.025	110	.025	068	-025	175
- 050	.031	-050	255	.050	303	-050	256	.050	315
-100	228	.100	411	-100	393	.100	400	.100	378
180	432	. 120	426	.180	432	.180	397	-180	358
- 300	477	.180	431	-400	447	.300	403	- 300	337
-400	485	. 250	434	-500	444	-400	420	•400	357
-500	499	. 300	.309	.600	380	.500	407	-500	360
-600	412	-400	502	-650	214	-600	320	.600	277
-650	307	.500	490	-700	079	.650	182	-650	179
.700	205	.600	400	. 750	.040	.700	060	.700	051
.750	083	.650	248	-800	.128		****		••••
.800	-031	.700	110	• 900	.230				
-900	-124	-750	.015	.950	.239				
.950	-108	-800	• C93	• • • • • • • • • • • • • • • • • • • •					
		.850	.141						
		.900 .950	.199 .224						





## (a) M = 0.75 - Continued

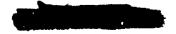
 $\alpha = 1.95^{\circ}; C_{L} = 0.279$ 

		STATION .14	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	E	
X/L .731	CP 511 1.197 787 369 184 080 002 063 114 158	X/C CP 0.000 .846 .010294 .030846 .050937 .100915 .180 -1.065 .300336 .350245 .400162 .450104 .500073 .550094 .600193 .650349 .700562 .750810 .850943 .950176	X/C CP 0.000 .987 .003 .322 .010461 .020795 .025921 .030 -1.083 .050 -1.181 .100 -1.161 .180547 .250473 .300447 .350424 .400420 .450435 .500472 .550473 .500472 .550473	X/C CP 0.000 .990 .010 -297 .030 -1.223 .050 -1.310 .100 -1.188 .180604 .300512 .350507 .400506 .450503 .500497 .550482 .600480 .650482 .700351 .750288 .850101 .950 .072	X/C CP 0.000 .998 .010153 .030 -1.156 .050 -1.288 .100 -1.197 .180717 .300475 .350460 .400467 .450461 .500457 .550469 .600412 .650373 .700316	X/C
			.000274 .900058 .950 .044 0.000 0.000			

### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	x/c	CP	X/C	CP
-005	.841	.005	.810	-005	.769	.005	-705	-005	.622
-025	.350	.025	- 054	.025	.021	.025	.078	.025	026
.050	.117	- 050	137	.050	167	.050	159	.050	162
-100	159	- 100	304	.100	247	.100	308	-100	264
180	353	.120	319	-180	341	.180	316	.180	295
.300	417	. 180	340	.400	395	.300	345	-300	294
-400	432	. 250	364	.500	398	.400	374	.400	327
.500	456	- 300	.115	.600	364	•500	369	.500	329
-600	392	-400	434	.650	201	•600	304	-600	267
-650	290	.500	446	.700	067	-650	172	-650	172
.700	192	.600	379	.750	.054	.700	052	.700	046
.750	065	.650	243	-800	-141	*****	-1072	• 100	~.040
.800	.045	.700	~.099	-900	-230				
.900	-132	.750	.025	. 950	.247				
.950	-119	.800	.108	• • • • •					
	•••	.850	.148						
		.900	.207						
		.950	.228						
		4 7 7 0							



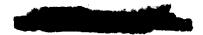


(a) M = 0.75 - Concluded

 $\alpha = 2.46^{\circ}$ ;  $C_L = 0.341$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L	X/C CP 0.000 .783 .J10391 .030911 .050992 .100989 .180 -1.126 .300338 .350252 .400169 .450112 .500087 .550105 .600204 .650363 .700568 .750817 .850920 .950177	X/C CP 0.000 .956 .003 .248 .010520 .020893 .025 -1.007 .030 -1.162 .050 -1.25/ .100 -1.25/ .120 -1.22/ .180941 .250461 .300437 .350427 .400430 .450444 .500476 .550499 .600535 .650517 .700464 .800276 .900061 .950041 0.000 0.000	X/C CP 0.000 .976 .010388 .030 -1.292 .050 -1.364 .100 -1.282 .180 -1.072 .300493 .350481 .400493 .450489 .500490 .550483 .600474 .650434 .700352 .750286 .850105 .950 .070	X/C CP G.000 .997 .010232 .030 -1.192 .050 -1.363 .100 -1.297 .180 -1.233 .300426 .350435 .400453 .450448 .500448 .500448 .500439 .600414 .650371 .700317	X/C CP 0.000 .939 .010167 .030 -1.158 .050 -1.318 .100 -1.218 .180447 .300442 .350417 .400421 .450386 .500404 .550389 .600367 .650364 .700321

						-			
X/C	CP A7A	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005 .025 .050 .100 .180 .300 .400 .500	.878 .409 .156 105 316 384 423 423	.005 .025 .050 .100 .120 .180 .250 .300	.853 .135 074 210 248 295 335 007 405	.005 .025 .050 .100 .180 .400 .500	.809 .126 091 207 294 380 377 337	X/C -005 -025 -050 -100 -180 -300 -400 -500	CP .742 .157 086 204 261 308 357 358 290	X/C .005 .025 .050 .100 .180 .300 .400 .500	CP .717 .016 099 241 263 369 312 315
.700 .750 .800 .900	178 059 .057 .139	.500 .600 .650 .700 .750 .800 .850	419 357 220 093 032 112 159 220	.700 .750 .800 .900 .950	061 .057 .147 .241 .250	.650 .700	163 048	-650 -700	165 043

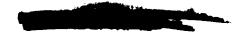


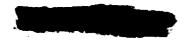
(b) M = 0.775

 $\alpha = 0.96^{\circ}; C_{L} = 0.158$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP -731431 -747 -1.093 -763860 -778386 -794189 -810076 -825 -013 -841 -070 -857 -113 -873 -147 -888 -160	X/C CP 0.000 .942 .010119 .030645 .050781 .100725 .180865 .300278 .350192 .400117 .450058 .500030 .550053 .600143 .650287 .700457 .750734 .850 -1.053 .950233	X/C CP 0.000 1.029 .003 .496 .010241 .020557 .025685 .030829 .050916 .100942 .120822 .180459 .250440 .300405 .350391 .400385 .450464 .500442 .550478 .600551 .650550 .700509 .800275 .900048 .950 .051 0.000 0.000	X/C	X/C CP 0-000 1.018 .010 .061 .030927 .050 -1.029 .100905 .180586 .300482 .350472 .400469 .450457 .500454 .550454 .600423 .650378 .700320	X/C CP 0.000 .982 .010 .041 .030890 .050 -1.037 .100593 .180447 .350391 .400392 .450367 .500381 .550380 .600360 .650331 .700312

						_			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
-005	.797	.005	.731	.005	- 695	.005	.566	-005	.515
-025	-289	.025	091	-025	145	• 025	116	.025	185
-050	-056	- 050	268	- 050	326	.050	306	.050	293
-100	225	• 100	423	-100	409	-100	431	. 100	399
-180	442	-120	456	.180	457	-180	450	-180	387
-300	515	- 180	462	-400	489	.300	431	. 300	368
-400	521	-250	465	- 500	470	.400	455	-400	382
.500	537	- 300	177	-600	387	-500	436	-500	379
.600	431	.400	547	.650	212	-600	329	-600	281
-650	315	.500	528	.700	076	-650	181	-650	178
.700	213	-600	410	. 750	. 043	.700	055	.730	046
.750	~-082	-650	253	.800	.133		• •	• • • • • • • • • • • • • • • • • • • •	5515
-800	.027	-700	113	- 900	.223				
.900	-114	.750	-012	-950	.238				
-950	-101	.800	.094						
		-850	-136						
		•900	.197						
		.950	.223						





## (b) M = 0.775 - Continued

## $\alpha = 1.96^{\circ}; C_{L} = 0.280$

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731447 .747 -1.106 .763870 .778394 .794193 .810085 .825006 .841 .061 .857 .112 .873 .142 .888 .156	X/C CP 0.000 .869 .010246 .030765 .050872 .180 -1.008 .300343 .350217 .400141 .450076 .500043 .550065 .600151 .650501 .750501 .750743 .850 -1.117	X/C CP 0-000 1.003 .003 .365 .010377 .020689 .025830 .030 -1.002 .050 -1.110 .100 -1.065 .120 -1.090 .180 -1.034 .250438 .300397 .3503/4 .400400 .450418 .500460 .550495 .600568 .650560 .700522 .800279 .900050 .950 .048 0.000 0.000	X/C CP 0.000 1.004 .010239 .030 -1.124 .050 -1.208 .100 -1.114 .180 -1.043 .300462 .350464 .400466 .450479 .500494 .550502 .600499 .650444 .700353 .750279 .850096 .950 .081	X/C CP 0.000 1.020 .010075 .030 -1.035 .050 -1.162 .100 -1.134 .180 -1.098 .300401 .350384 .400404 .550444 .500443 .550450 .600421 .650375 .700317	X/C CP 0.000 .968 .010070 .030996 .050 -1.193 .100 -1.087 .180459 .300419 .350406 .400410 .450387 .500404 .550397 .600376 .650342 .700318

						•			
X/C •005 •025	CP •855 •369	X/C -005 -025	CP • 822 • 06 9	X/C • 005 • 025	CP • 752 • 027	X/C -005	CP -695	X/C •005	.620
-050 -180 -180 -300 -400 -500 -650 -750 -800 -900 -950		.050 -100 -120 -180 -250 -300 -400 -500 -650 -700 -750 -850 -900	- 069 - 140 - 313 - 336 - 352 - 383 - 239 - 467 - 486 - 390 - 240 - 102 - 028 - 107 - 150 - 212	.025 .050 .100 .180 .500 .600 .700 .750 .750 .900	.027 7.179 269 368 436 438 372 203 069 .051 .140 .238 .249	.025 .050 .100 .180 .300 .400 .500 .600	.069 179 332 339 365 412 399 316 178 052	.025 .050 .100 .180 .300 .400 .500 .600	046 188 297 324 351 356 272 174 047
		-950	-231						



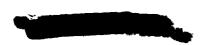


(b) M = 0.775 - Concluded

 $\alpha = 2.50^{\circ}$ ;  $C_{L} = 0.353$ 

		STATION .	LAB STATE	ON .402	STATION	.595	STATION	•775	STATION	.913
FUS	ELAGE				WING UPPE	R SURFAC	E			
X/L	CP	X/C C	x/c	CP	X/C	CP	x/C	CP	X/C	CP
.731	448	0.000 .8	23 0.000	. 985	0.000	.989		1.004	0.000	.963
	-1.104	.01034	.003	. 335		282		125		132
. 763	869	.0308	.010		.030 -		.030 -		.030 -	
.778	388	.0509			-050 -		.050 -		.050 -	
. 794	194	.10094			. 100 -		.100 -		-100 -	
.810	082	.180 -1.11		-1-045	.180 -		.180 -		-180 -	
-825	002	.30050		-1-163		739		801		410
.841	. 061	.35032		-1.168		486		441		393
. 857	-120	-40017		-1-176		428		372		403
.473	. 144	.45007		+1-122		459		377		384
.888	- 162	-500 0				472		390		404
		.55006				478		408		400
		-60015				477		389		
		.65030		381		425		357		377
		.70051		405		351		314		347
		.75074		453		284	.,,,,			326
		.850 -1.11		492		098				
		.95020		560	.950	.077				
			.650	568	• * * * * * * * * * * * * * * * * * * *					
			.700	524						
			.800	283						
			-900	052						
			.950	-0092						
			0.000	0.000						
				0.000						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
.005	.890	-005	. 849	.005	.831	.005	. 742	. 005	,687
-025	-431	. 025	- 115	- 025	. 091	.025	.125	.025	.033
-050	-161	.050	060	-050	108	.050	086	.050	128
-100	094						-		
		. 100	240	.100	223	.100	246	-100	260
180	312	. 120	253	-180	305	.180	283	.180	286
.300	390	.180	~.310	-400	397	.300	335	.300	284
.400	432	. 250	350	-500	403	.400	381	.400	
-500	458								326
		. 300	- <b>.</b> 271	-600	360	-500	378	-500	329
-600	391	.400	429	-650	196	.600	300	-600	259
.650	283	.500	45E	. 700	058	-650	168	-650	167
- 700	186	.600	376	.750	.061	.700	046	.700	036
.750	057	- 650	231	. 800			040	• 100	036
					.152				
-800	.054	. 700	090	•900	-250				
<b>- 90</b> 0	-143	. 750	- 038	.950	.258				
.950	.123	.800	-112						
		. 850	. 154						
		<b>- 90</b> 0	-223						
		. 950	. 238						



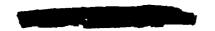
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## TABLE VIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(c) M = 0.80

 $\alpha = 0.98^{\circ}; C_{L} = 0.148$ 

		STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FUSEL	AGE			WING UPPER SURFACE	<b>!</b>	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	. 366	0.000 .951	0.000 1.038	0.000 1.033	0.000 1.021	0.000 .983
	. 993	-010063	.003 .521	.010032	.010 .084	.010 .112
	.971	.030564	.010208	-030901	.030837	-030792
	• <del>406</del>	.050724	-020515	.050990	.050972	.050990
	. 141 . 075	.160684 .180849	-025612	-100 874	.100887	.100899
	.003	.300250	.030774 .050883	.180784	.180071	.180432
	. 063	.350162	.050883 .100 <del>9</del> 02	.300469 .350483	.300408	.300418
	. 114	.400090	.120932	.400491	.350413 .400416	.350402
	. 147	-450027	.180754	.450504	.450477	.400407 .450386
	. 162	.500 .007	.250375	.500522	.500480	.500408
		-550009	.300340	.550530	.550476	.550395
		-600095	.350359	.600560	.600454	.600373
		.650240	.400357	.650496	.650389	-650341
		-700433	.450374	.700359	.700319	.700319
	-	.750660	.500422	.750276		
		.850 -1.039	-550465	.850079		
		-950254	-600548	.950 .088		
			-650577			
			.700645			
			.800274			
			.900033			
			-950 .062			
			0.000 0.000			
				WING LOWER SURFACE		
		X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
		-005 -827	.005 .731	.005 .697	.005 .554	.005 .503
		.025 .303	-025069	.025149	.025094	-025221
		<b>.</b> 050 <b>.063</b>	.050230	.050349	.050301	-050328
		-100196	-100410	-100408	.100479	-100441
		-180428	-120470	.180484	.180469	-180412
		-300543	-180480	.400594	.300497	.300396
		-400578	-250502	-500541	.400517	-400436
		.500644	.300295	.600384	.500486	.500414
		.600453	.400604	<b>.</b> 450208	.600328	-600291
		-650322	.500678	.700067	-650181	.650181
		-700211	.600406	.750 .046	.700051	.700041
		-750084	-650245	.800 .123		
		.600 .020	.700107	.900 .217		
		-900 -10 <i>/</i>	.750 .009	<b>.9</b> 50 <b>.23</b> 2		
		.950 .085	.800 .082			
			<b>.85</b> 0 <b>.</b> 125			



.850 .900 .950

.125 .196 .222

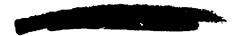


TABLE VIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(c) M = 0.80 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.280$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	Į.	
FUSELAGE  X/L CP .731385 .747 -1.013 .763 -1.053 .778409 .794193 .810086 .825000 .841 .061 .857 .118 .873 .149 .888 .161	X/C CP 0.000 .877 .010204 .030716 .050785 .100799 .180964 .300482 .350274 .400130 .450051 .500006 .550021 .600108 .650251 .700446 .750676 .850 -1.046	X/C CP 0.000 1.015 .003 .418 .010316 .020606 .025738 .030868 .050 -1.007 .100 -1.020 .120998 .180 +1.003 .250972 .300443 .350 - 347 .400349 .450374 .500419 .550466	X/C CP 0.000 1.009 .010151 .030 -1.023 .050 -1.084 .100 -1.060 .180967 .300971 .350612 .400424 .450437 .500459 .550479 .600487 .690487 .690487 .690487 .690487 .690487 .690487	X/C CP 0.000 1.025 .010016 .030958 .050 -1.078 .100 -1.035 .180 -1.012 .300993 .350974 .400419 .450334 .500345 .550366 .600384 .650344 .700294	X/C CP 0.000 .972 .010 .008 .030896 .050 -1.084 .100 -1.035 .180081 .300503 .350376 .400374 .450365 .500390 .550390 .650342 .700321
	• • • • • • • • • • • • • • • • • • • •	.650580 .700646 .800274 .900039 .950 .058	. 730 . 088		

HING	LOWER	SHREACE

X/C	CP	X/C	CP	X/C	CP	x/c	CP	X/C	CP
- 095	.875	-005	-817	-005	.758	-005	-680	- 005	.595
-025	-397	.025	-077	.025	.012	.025	.053	.025	076
•050	-140	- 050	129	-050	193	.050	191	.050	215
- 100	125	-100	324	- 100	306	-100	335	.100	351
180	356	.120	342	-180	383	-180	381	-180	361
. 300	465	. 180	341	-400	502	.300	429	. 300	353
• 400	514	-250	406	-500	499	-400	449	.400	389
.500	560	. 300	327	-600	384	.500	438	.500	385
. 600	437	- 400	535	-650	203	.600	325	•600	279
.450	311	-500	547	-700	063	-650	172	-650	175
.700	197	-600	402	.750	. 056	.700	043	-700	039
. 750	067	-650	233	-800	-142				
-800	-047	.700	097	. 900	-236				
<b>. 9</b> 00	.125	. 750	.027	-950	.253				
. 950	.109	.800	.104						
		s 850	.149						
		-900	.211						



ORIGINAL PAGE IS OF POOR QUALITY



TABLE VIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

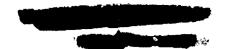
(c) M = 0.80 - Concluded

 $\alpha = 2.47^{\circ}; C_{L} = 0.351$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L -73i395 -747 -1.027 -763963 -778401 -794198 -810090 -825 .001 -841 .064 -857 .110 -873 .147 -888 .157	X/C CP 0.000 .841 .010259 .030770 .050811 .100867 .180 -1.020 .300566 .350483 .400285 .450141 .500036 .550037 .600254 .700451 .750678 .850 -1.054 .950227	X/C CP 0.000 1.001 .003 .367 .010361 .020669 .025794 .030951 .050 -1.071 .100 -1.082 .180 -1.079 .250 -1.088 .300 -1.013 .350434 .400383 .450373 .500416 .550462 .600577 .700604 .800279 .900044 .950055 0.000 0.000	X/C CP 0.000 1.007 .010211 .030 -1.057 .050 -1.137 .100 -1.215 .180 -1.039 .300 -1.023 .350 -1.027 .400896 .450542 .500417 .550396 .600437 .650398 .700316 .750253 .850079 .950 .088	X/C CP 0.000 1.019 .010071 .030997 .050 -1.116 .100 -1.103 .180 -1.086 .300 -1.066 .350 -1.047 .400999 .450660 .300393 .550314 .600317 .650288 .700277	X/C CP 0.000 .963 .010053 .030954 .050 -1.154 .100 -1.107 .180948 .300822 .350589 .400389 .450373 .550376 .600763 .650330 .700316

X/C -005 -025 -050 -100 -300 -400 -500 -600 -450 -750 -800 -900 -950	CP -904 -430 -170 -102 -312 -426 -483 -529 -417 -293 -187 -057 -049 -142 -120	X/C .005 .025 .050 .100 .120 .180 .250 .300 .400 .500 .650 .700 .750 .850 .850 .950	CP - 842 - 135 - 082 - 271 - 289 - 335 - 372 - 342 - 504 - 511 - 395 - 229 - 035 - 111 - 157 - 220 - 239	X/C -005 -025 -050 -100 -180 -500 -650 -700 -750 -900 -950	CP .807 .088 128 251 332 463 466 378 192 054 .062 .149 .252 .259	X/C .005 .025 .050 .100 .180 .300 .400 .500 .650 .700	CP .708 .111 121 290 323 378 428 425 323 164 041	X/C .005 .025 .050 .100 .180 .300 .400 .500 .650	CP -682 004 156 289 324 331 373 367 259 167
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(d) M = 0.825

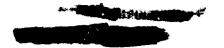
 $\alpha = 0.94^{\circ}; C_{L} = 0.115$ 

		STATLO	M .148	STATEO	N .402	STATIO	N .595	STATIO	N .775	STATEO	N .913
FUS	SELAGE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	x/c	CP	X/C	Li	X/C	CP
.731	314	0.000	.973	0.000	1.043	0.000	1.041	0.000	1.030	0.000	-986
.747	913	-010	.016	.003	.555	-010	-022	-010	.130	-010	.177
.753	-1.142	.030	524	-010	122	.030	832	-030	762	-030	731
.778	418	.050	643	.020	407	.050	880	.050	866	-050	914
.794	199	- 100	648	.025	539	-100	602	-100	818	- 100	827
.810	078	.180	803	.030	679	. 180	797	-180	818	-180	735
.825	. 004	- 300	359	.050	796	.300	793	-300	756	- 300	620
.841	. 065	.350	168	.100	839	. 350	456	.350	772	- 350	423
.857	- 112	-400	074	.120	825	.400	446	-400	455	-400	361
.873	. 153	-450	.007	.180	780	.450	496	-450	352	•450	365
.888	- 169	-500	.041	-250	760	.500	516	-500	351	-500	398
		-550	.027	. 300	311	• 550	522	• 550	436	•550	405
		.600	055	.350	303	.600	566	-600	415	-600	387
		-650	193	.400	314	.650	577	-650	404	-650	346
		- 700	383	-450	336	.700	379	-700	313	-700	323
		<b>.</b> 750	602	- 500	389	.750	255				
		-850	961	•550	432	.850	054				
		-950	256	-600	516	•950	.104				
				.650	- 556						
				.700	- 4:6						
				.800	302						
				•900	021						
				.950	-064						
				0.000	0.000						

M I NG	LOWER	SHRE	AC F
M T 140	FOME	300	A-C-C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	.830	.005	- 750	•005	-679	•005	.539	. 005	-489
.025	-307	.025	046	- 025	147	.025	077	•025	256
.050	.089	•650	240	•050	326	-050	293	-050	318
-100	181	.100	436	.100	443	-100	523	-100	476
.180	415	-120	474	.180	493	-180	496	-180	482
. 300	566	.180	450	-400	621	-300	616	-300	536
.400	589	. 250	559	.500	727	-400	672	-400	492
- 500	708	. 300	363	-600	366	-500	677	•500	484
-600	824	.400	638	-650	191	-600	281	-600	289
- 650	394	•500	741	-700	083	-650	159	-650	177
.700	212	-600	547	•750	•009	-700	043	. 700	035
. 750	100	.650	256	.800	.081				
.800	011	.700	139	.900	.188				
. 900	.096	.750	084	- 950	-214				
. 950	.078	.800	023						
		-850	.011						
		.900	.123						
		.950	.177						





ORIGINAL PART IN

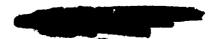
## TABLE VIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 1 - Continued

(d) M = 0.825 - Continued

 $\alpha = 1.99^{\circ}$ ;  $C_{L} = 0.274$ 

		STATIO	N -148	STATIO	N -402	STATIO	N .595	STATIO	N .775	STATIO	N .913
FUS	ELA GE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	x/c	CP	X/C	CP	X/C	CP	X/C	CP
.731	338	0.000	.966	0.000	1.030	0.000	1.026	0.000	1.032	0.000	.980
. 747	941	.010	163	.003	.469	.010	084	.010	.047	-010	.051
.763	-1.131	.010	637	-010	249	.030	916	.030	864	-030	806
.778	414	.050	718	.020	544		-1.009	.050	980	.050	-1.025
. 794	206	-100	732	.025	664	.100	970	-100	960	.100	978
.810	087	. 180	889	.030	804	.180	902	.180	943	.180	839
. #25	. 003	. 300	5C7	-050	919	.300	921	.300	945	.300	792
.841	. 058	.350	427	-100	940	. 350	929	.350	928	. 350	772
.857	- 114	-400	286	-120	919	-400	917	-400	928	-400	739
.873	.148	-450	133	.180	937	.450	928	.450	943	-450	641
.888	- 161	-500	.009	.250	943	-500	573	.500	823	.500	361
		-550	.007	- 300	951	.550	476	-550	403	-550	327
		-600	065	- 350	556	.600	463	.600	302	-600	321
		-650	205	-400	370	.650	399	-650	243	-650	311
		. 700	390	-450	357	.700	296	.700	200	- 700	293
		.750	615	-500	386	. 750	221				
		-850	976	.550	440	.850	050				
		-950	266	-600	525	- 950	.101				
				.650	571						
				.700	664						
				.800	293						
				.900	027						
				.950	-061						
				0.000	0.000						

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
-005	.888	-005	.816	•005	.779	-005	.682	-005	.593
-025	.415	.025	.065	.025	.009	.025	-042	.025	090
.050	-150	<b>-</b> 050	121	.050	205	.050	185	.050	236
-100	101	.100	313	.100	302	.100	366	-100	380
-180	346	. 120	348	-180	406	.180	406	-180	417
.300	486	.180	400	.400	563	.300	500	.300	406
. 400	543	.250	433	.500	653	.400	550	.400	474
-500	629	. 300	386	.600	346	-500	607	-500	434
-600	710	.400	574	.650	182	-600	311	.600	283
-650	293	-500	67C	. 700	051	.650	161	.650	175
.700	184	.600	554	-750	-052	.700	037	.700	029
.750	067	.650	212	.800	.124			*****	
. 800	.031	.700	094	.900	.221				
-900	-120	.750	001	.950	.232				
.950	.109	.800	.078						
	••••	.850	.114						
		.900	.198						
		.950	.226						
		.,,,	4220						



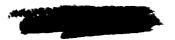
## (d) M = 0.825 - Concluded

 $\alpha = 2.48^{\circ}$ ;  $C_{L} = 0.345$ 

		STATION	-148	STATIO	N -402	STATIO	N .595	STATION	.775	STATIO	.913
FU:	ELAGE					WING UPP	ER SURFACI	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-731	348		.863	0.000	1.021	0-000	1.027		1.029	0.000	.975
. 747	962		-20€	.003	-427	-010	123		006	-010	-017
	-1.087		-681	.010	283	- 030	954		893	.030	962
.778	413		. 764	-020	581		-1.054	-050 -	1.024	.050	-1.06 l
. 794	209		-806	.025	687	-100	-1.033	•100	~.996	.100 -	-1.028
-810	<b> 08</b> 2		.964	-030	850	-180	991	-180 -	1.001	-180	902
.825	.004	-300 -	-582	- 050	972	-300	98l	-300	976	.300	846
.841	- 064	.350 -	-512	-100	985	.350	975	.350	988	.350	825
.857	- 106	.400 -	-372	-120	995	-400	975	-400 -	1.002	-400	802
.873	.137	.450 -	.262	-180	980	.450	984	.450 -	1.001	.450	751
.888	. 153	.500 -	.075	- 250	999	.500	986	.500	974	.500	539
		<b>.</b> 550 -	.028	.300 -	-1-010	-550	579		477	.550	352
		.600 -	.073	- 350	966	-600	409		371	-600	301
			-201	-400	496	.650	328		290	-650	287
			.389	-450	406	.700	263		223	-700	275
			-609	•500	420	.750	197				••••
			.976	-550	443	-850	049				
			.262	.600	522	.950	.088				
		4,7,7		-650	570	.,,,					
				.700	639						
				.800	278						
				.900							
					025						
				.950	-064						
				0.000	0.000						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.917	. 005	- 84 9	-005	. 794	-005	.704	-005	-628
-025	.447	.025	-121	.025	-062	.025	-105	.025	037
-050	.181	- 050	080	- 050	141	-050	151	.050	183
.100	063	.100	271	.100	255	-100	309	.100	332
-180	305	-120	316	. 180	358	-180	372	.180	~.382
.300	439	.180	349	.400	528	.300	442	.300	383
-400	500	- 250	395	-500	616	.400	508	.400	445
.500	604	.300	387	.600	369	-500	534	.500	427
.600	634	.400	535	.650	190	-600	323	-600	287
-650	295	.500	635	.700	050	.650	167	-650	174
.700	184	.600	431	.750	.056	-700	044	.700	032
.750	056	-650	211	.800	.135		****	*****	
.800	. 046	.700	087	-900	.231				
.900	.137	.750	-019	- 950	. 246				
-950	-118	.800	.088	• • • •					
•		.850	.138						
		.900	.206						
		- 950	- 230						





(a) M = 0.60

 $\alpha = -1.06^{\circ}$ ;  $C_{L} = 0.017$ 

		STATE	N .148	STATEO	N .402	STATIO	N .595	STATIO	N .775	STATE	M .913
FUS	ELAGE					WING UPP	ER SURFACE	E			
X/L	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP	X/C	CP
.731	159	0.000	.969	0.000	.994	0.000	-977	0.000	.938	0.000	.913
.747	166	-010	012	.003	.57C	-010	-001	-010	.167	-010	.238
. 763	097	-030	466	.010	112	-030	576	.030	537	.030	420
.778	063	-050	540	- 020	350	- 050	485	.050	427	-050	398
. 794	018	-100	553	-025	437	-100	430	.100	411	-100	313
.810	001	-180	555	.030	527	- 180	368	-180	399	.180	269
.825	.019	- 300	395	-050	570	- 300	344	.300	337	. 300	282
-841	.023	- 350	350	-100	467	. 350	309	.350	305	.350	245
. 85 7	- 049	-400	345	- 120	451	-400	329	-400	313	-400	281
.873	- 059	-450	323	-180	387	-450	336	.450	322	.450	244
.888	- 96 8	-500	321	- 250	390	-500	339	.500	330	.500	276
		-550	333	. 300	359	-550	336	.550	331	.550	276
		-600	329	• 350	348	.600	340	.600	313	.600	257
		- 650	298	-400	352	-650	327	.650	293	-650	253
		- 700	260	- 450	354	.700	269	.700	260	-700	237
		- 750	244	.500	359	.750	245				
		.850	147	-550	350	.850	109				
		<b>.95</b> 0	002	-600	345	. 950	. 054				
				-650	313						
				.700	284						
				-800	176						
				. 900	024						
				.950	.066						
				0.000	0.000						

						_			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
<b>.</b> 005	-549	.005	-502	.005	.395	.005	.159	.005	.132
.025	-004	.025	433	.025	493	.025	421	-025	515
.050	216	.050	536	-050	633	-050	570	.050	572
.100	381	.100	559	-100	528	.100	565	-100	461
.180	499	.120	541	- 180	476	.180	452	.180	398
-300	495	-180	480	.400	403	.300	424	.300	350
-400	434	. 250	453	- 500	389	.400	387	.400	335
.500	419	. 300	491	-600	343	.500	360	.500	336
.600	343	.400	423	. 650	208	.600	301	-600	268
.650	264	-500	414	-700	088	.650	187	.650	188
.700	173	-600	345	.750	.031	.700	077	.700	078
.750	059	.650	231	.800	.127	• • • • •	•••	4.00	
-800	-063	.700	113	-900	.235				
.900	-162	.750	. 023	.950	.245				
.950	.188	.800	-106		• • • • • • • • • • • • • • • • • • • •				
		. 850	.154						
		.900	. 223						
		.950	. 252						



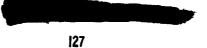


(a) M = 0.60 - Continued

 $\alpha = -0.07^{\circ}$ ;  $C_{L} = 0.118$ 

		STATION .14	NOITATE B	.402 STATEO	N .595	STATION	.775 S1	FATION .913
FUS	ELAGE			WING UPP	ER SURFACE			
X/L .731 .747 .763 .778 .810 .851 .857 .873	CP175174097065022002019 -026046046070	X/C	0.000	CP X/C 991 0.000 398 .010 341 .030 645 .050 756 .100 734 .180 719 .300 559\$ .350 561 .400 463 .450 438 .500 408 .550 408 .550 391 .700 393 .750 380 .850 374 .950 337 298	CP .985 241 836 700 556 438 378 377 377 368 367 290 252 113 055	X/C (	008 796 534 5520 644 375 376 359 662 357 558	X/C CP .000 .947 .010 .003 .030616 .050551 .100421 .180346 .300317 .350300 .400318 .450282 .500306 .550302 .600284 .650268 .700264
			0.000 0.0					

						-			
X/C	CP	X/C	ÇP	X/C	CP	X/C	CP	X/C	CP
-005	-673	- 005	-604	- 005	.558	.005	. 392	.005	•350
.025	-138	-025	227	.025	265	.025	246	.025	265
-050	099	-050	381	. 050	444	.050	377	•050	426
- 100	301	- 100	424	.100	386	.100	404	.100	359
-180	~ •427	-120	417	-180	396	.180	364	.180	329
- 300	453	.180	405	.400	366	.300	374		
-400	395	. 250	395	.500	359	-400	345	-300	313
-500	390	. 300	427	.600	325	-500		.400	307
-600	323	•400	394	-650	196		333	•500	310
. 650	244	.500	383	.700	082	-600	288	-600	251
.700	164	.600	325			-650	174	-650	177
				.750	.034	.700	06 9	<b>.</b> 700	072
.750	050	.650	210	.800	. 136				
. 800	-066	-700	101	.900	.240				
.900	.172	.750	.032	.950	.251				
.950	.188	.800	.111	• ,,,	• 2 7 4				
		.850	.155						
		.900	.225						





(a) M = 0.60 - Continued

 $\alpha = 0.98^{\circ}; C_{L} = 0.222$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP -731191 -747183 -763107 -778064 -794017 -810 -003 -825 -023 -841 -029 -857 -052 -873 -065 -888 -072	X/C CP 0.000 .761 .010546 .030950 .050926 .100859 .180746 .300498 .350462 .400427 .450397 .500380 .550383 .600369 .700289 .750259 .850149 .950002	X/C CP 0.000 .941 .003 .202 .010635 .020977 .025 -1.088 .030 -1.041 .050928 .100740 .120683 .180537 .250513 .300466 .350450 .400434 .450425 .500414 .550399 .600390 .650344 .700308 .800184 .900023 .950 .066 0.000 0.000	X/C CP 0.000 .945 .010524 .030 -1.200 .050910 .100669 .180520 .300435 .350433 .400420 .450417 .500406 .550398 .600392 .650359 .700303 .750263 .850114 .950 .053	X/C CP 0.000 .978 .010277 .030 -1.055 .050867 .100666 .180509 .300439 .350414 .400401 .450394 .500387 .550383 .600354 .650322 .700288	X/C CP 0.000 -950 .010158 .030855 .050702 .100518 .180393 .300351 .350340 .400349 .450311 .500324 .600305 .650286 .700274

### WING LOWER SURFACE

						•			
X/C	CP	X/C	CP	X/C	CP	x/c	CP	x/c	CP
-005	.772	•005	- 772	. 005	-718	-005	.625	-005	.526
-025	-282	.025	048	•025	049	.025	030	.025	125
-050	-009	-050	229	• 050	236	-050	226	-050	269
-100	205	-100	310	- 100	272	-100	285	.100	265
180	359	-120	302	- 180	305	-180	285	-180	269
-300	407	-180	324	•400	325	.300	316	. 300	266
-400	359	- 250	336	-500	320	.400	311	-400	277
- 500	358	•300	379	-600	300	-500	306	•500	278
-600	302	-400	343	.650	175	-600	26 L	•600	231
-650	227	-500	352	.700	066	-650	157	.650	158
-700	150	- 60^	298	.750	- 04 7	.700	056	.700	062
.750	041	•650	200	.800	-143				-8002
-800	-082	-700	084	- 900	.240				
• 900	-171	.750	-031	.950	-250				
•950	-186	. 800	.119						
		-850	. 163						
		-900	.229						
		-950	.25C						



TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

(a) M = 0.60 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.317$ 

		STATION .148	STATEON .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	į.	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
-731	202	0.000 .630	0.000 .858	0.000 .895	0.000 .936	0.000 .925
.747	190	-010717	.003059	-010762	.010537	.010393
.763	106	.030 -1.185	-010961	-030 -1-477	.030 -1.434	.030 -1.071
.778	070	-050 -1-170	-020 -1-298	-050 -1-258	-050 -1-111	.050860
.794	018	-100 -1.018	.025 -1.474	.100783	.100729	.100575
.810	. 005	-180842	.030 -1.379	-180603	.180598	.180453
.825	. 030	.300568	.050 -1.181	.300501	.300485	.300403
.841	-034	-350 - <b>-</b> 508	.100844	.350483	.350458	.350382
. 857	- 050	.400462	.120743	.400460	-400434	.400380
.873	.067	.450428	.180623	-450452	.450425	.450349
-888	. 077	.500410	.250578	-500436	.500417	.500358
		.550407	.300531	-550421	.550403	.550349
		.600388	.350500	-600413	.600371	.600326
		-650346	-400472	-650375	.650335	.650302
		.700295	.450461	.700312	.700302	.700291
		-750266	.50045E	.750268		1,00
		.850153	.550 ~.430	-850113		
		-950000	.600416	.950 .048		
			·650 365	.,,,		
			.700319			
			.800191			
			.900025			
			.950 .061			
			0.000 0.000			

X/C	CP	X/C	CP	x/C	СР	X/C	CP	X/C	CP
.005	-841	.005	. 853	- 005	.813	.005	.783	.005	.669
-025	.347	.025	.139	.025	.104	.025	.152	.025	.046
-050	-094	.050	084	.050	115	.050	~.068	.050	147
.100	128	.100	215	-100	164	-100	189	.100	191
-180	296	.120	219	.180	228	.180	217	.180	211
- 300	354	.180	254	-400	280	.300	264	.300	233
.400	327	. 250	261	•500	283	.400	261	.400	248
-500	29	. 300	318	-600	280	.500	275	.500	256
-600	287	.400	308	- 650	159	-600	244	.600	216
-650	216	.500	322	. 700	052	.650	144	-650	147
.700	130	-600	277	. 750	.056	.700	044	.700	052
.750	028	-650	178	.800	.149				
-800	.090	.700	073	• 900	.242				
-900	.173	.750	- 048	• 950	.254				
. 950	-194	.800	. 124						
		-850	-167						
		•900	-230						
		•950	.249						



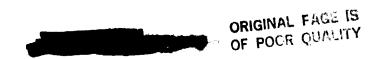


TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

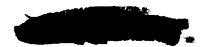
(a) M = 0.60 - Continued

 $\alpha = 2.94^{\circ}; C_{L} = 0.416$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>.</b>	
FUSELAGE  X/L CP .731206 .747195 .763113 .778068 .794017 .810 -005 .825 -027 .841 -030 .857 -054 .873 -069 .888 -077	X/C CP 0.000 .483 .010 -1.041 .030 -1.486 .050 -1.391 .100 -1.211 .180964 .300623 .350551 .400501 .450459 .500434 .550427 .600399 .650395 .700305 .750267 .850155	X/C CP 0.000 .760 .003270 .010 -1.315 .020 -1.681 .025 -1.765 .030 -1.847 .050 -1.545 .100968 .120878 .180700 .250634 .300550 .400516 .450493 .500479 .550479 .550479 .550479 .550426 .650375 .700328	X/C CP 0.000 .783 .010 -1.017 .030 -1.946 .050 -1.714 .100900 .180695 .300553 .350523 .400500 .450479 .500463 .550461 .600424 .650382 .700320 .750274 .850116 .950 .049	X/C CP 0.000 .884 .010806 .030 -1.736 .050 -1.573 .100865 .180694 .300537 .350508 .400449 .500449 .500435 .550424 .600390 .650351 .700304	X/C CP 0.000 · .839 .010605 .030 -1.378 .050 -1.081 .100652 .180523 .300448 .350418 .400412 .450373 .500386 .550372 .600342 .650315 .700300
		.800191 .900022 .950 .062 0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	-896	-005	.923	-005	.905	-005	.859	•005	.806
.025	•456	.025	-273	.025	. 254	.025	.292	-025	-168
.050	-180	<b>.</b> 050	-061	-050	-054	-050	- 049	.050	027
-100	068	-100	097	-100	082	.100	090	-100	124
-140	229	- 120	136	- 180	145	-180	142	. 180	151
.300	295	-180	161	-400	236	- 300	211	.300	192
-400	284	- 250	205	-500	247	-400	224	.400	212
-500	292	-300	267	.600	254	-500	245	.500	227
-600	258	-400	263	-650	141	-600	222	.600	198
-650	188	• 500	283	.700	042	-650	129	-650	136
• 700	119	-600	256	.750	- 06 9	-700	034	.700	047
.750	010	-650	160	.800	.157				
. 800	•096	<b>.</b> 700	058	-900	.246				
.900	-186	-750	-060	.950	- 252				
- 950	-193	-800	.138						
		.850	.179						
		- 900	. 234						
		•950	. 254						





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## TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

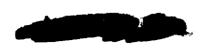
(a) M = 0.60 - Centinued

 $\alpha = 3.95^{\circ}; C_{L} = 0.512$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<u> </u>	
X/L CP .731217 .747200 .763118 .776067 .794015 .810 .007 .825 .032 .841 .037 .857 .050 .873 .068 .888 .077	X/C CP 0.000 .328 .010 -1.266 .030 -1.856 .050 -1.785 .100 -1.419 .180 -1.038 .300658 .350589 .400525 .450482 .500454 .550443 .600404 .550463 .650365 .700308 .750275 .850149 .950 .003	X/C CP 0.000 .637 .003495 .010 -1.553 .020 -1.929 .025 -2.067 .030 -2.217 .050 -2.045 .100 -1.016 .120955 .180784 .250693 .300625 .350585 .400544 .450526 .500499 .550463 .600499 .550463 .600381 .700330 .800185 .900023 .950 .058	X/C CP 0.000 .659 .010 -1.233 .030 -2.142 .050 -2.069 .100983 .180750 .300591 .350561 .400529 .450507 .500483 .550458 .600437 .650326 .750326 .750268 .850112 .950 .041	X/C CP 0.000 .770 .010 -1.045 .030 -2.034 .050 -1.933 .100 -892 .180757 .300580 .350544 .400508 .450483 .500462 .550462 .550462 .550401 .650360 .700315	X/C CP 0.000 .739 .010878 .030 -1.632 .050 -1.415 .100734 .180576 .300482 .350453 .400439 .450403 .500410 .550397 .600364 .650337 .700312

### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	.929	•005	.965	.005	.944	.005	.925	.005	.866
.025	-529	.025	.398	.025	.388	.025	.424	.025	.309
- 050	-263	.050	. 166	.050	.146	.050	.167	.050	
- 100	-020	.100	015						.087
				-100	- 019	.100	008	.100	042
- 180	173	.120	053	.180	094	-180	088	.180	105
. 300	257	.180	108	400	202	.300	173	•300	160
- 400	250	-250	145	-500	227	•400	190	•400	
-500	272	.300	224						189
				-600	236	-500	221	.500	211
- 600	238	-400	217	•650	126	-600	202	.600	186
-650	177	.500	253	.700	028	-650	114	-650	124
.700	107	.600	237	-750	.072	.700	032		
.750	006	.650	139	.800			032	.700	041
					- 160				
- 800	-105	.700	044	- 900	.247				
-900	-189	.750	- 06 7	.950	-252				
- 950	-200	.800	.143		<del>-</del>				
		.850	.187						
		.900	.237						
		-950	. 252						



ORIGINAL PAGE 18 OF POOR QUALITY

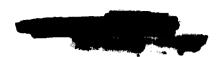
## TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

(a) M = 0.60 - Concluded

 $\alpha = 4.96^{\circ}; C_{L} = 0.608$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	SELAGE			WING UPPER SURFACE		
X/L .731 .747 .763 .778 .794 .810	CP 219 204 118 068 013 .008	X/C CP 0.000 .143 .010 -1.450 .030 -2.069 .050 -2.031 .100 -1.805 .180 -1.107 .300709	X/C CP 0.000 .518 .003680 .010 -1.756 .020 -2.159 .025 -2.328 .030 -2.429 .050 -2.255	X/C CP 0.000 .546 .010 -1.472 .030 -2.260 .050 -2.214 .100 -1.459 .180858 .300635	X/C CP 0.000 .666 .010 -1.228 .030 -2.114 .050 -2.101 .100 -1.400 .180793 .300602	X/C CP 0.000 .614 .010 -1.103 .030 -1.810 .050 -1.746 .100613 .180653 .300535
.841 .857 .873 .888	.036 .059 .073 .081	.350624 .400561 .450508 .500478 .550453 .600432 .650369 .700315 .750269 .850145	-100 -1.578 -120 -1.245 -180841 -250724 -300665 -350610 -400571 -450544 -500517 -600446 -650381	.350593 .400555 .450529 .500498 .550462 .600441 .650385 .700319 .750265 .850115	-350566 -400536 -450497 -500474 -550448 -600409 -650359 -700310	.300498 .400478 .450435 .500436 .550412 .600386 .650350
			.700333 .800185 .900032 .950 .045 0.000 0.000		•	

X/C	CP	X/C	CP	X/C	CP	X/C	CP		
.005		-	-		_		-	X/C	CP
	.948	- 005	.972	.005	- 964	-005	. 957	.005	.902
-025	-5 8 C	-025	. 504	.025	.512	.025	-516	.025	-408
-050	.312	• 050	.254	.050	. 240	-050	-271	.050	.172
.100	•066	. 100	.078	.100	.088	-100	.085	.100	.022
-180	140	. 120	. 044	-180	032	-180	016	.180	062
.300	214	- 180	042	-400	160	.300	127	- 300	118
-400	218	. 250	097	-500	192	-400	158	-400	154
-500	246	- 300	167	-600	215	• 500	188	. 500	184
-600	222	-400	181	•650	109	-600	183	.600	173
-650	163	• 500	221	-700	017	.650	097	.650	111
.700	095	.600	211	• 750	-080	.700	018	.700	031
.750	-004	.650	131	-800	.168				
.800	.103	. 700	039	.900	.249				
900ء	-192	.750	.071	.950	.252				
.950	.191	. 800	.147						



ORIGINAL FARM AS OF POUR QUALITY

# TABLE IX. - WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

(b) M = 0.70

 $\alpha = -1.04^{\circ}$ ;  $C_{L} = 0.016$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731175 .747168 .763048 .778046 .794004 .810 .018 .825 .039 .841 .039 .857 .063 .873 .079 .888 .082	X/C CP 0.000 1.006 .010 .076 .030408 .050489 .100593 .180633 .300426 .350392 .400364 .450343 .500345 .550354 .600357 .650357 .650319 .700277 .750253 .850142	X/C CP 0.000 1.019 .003 .621 .010056 .020371 .025427 .030526 .050586 .100535 .120472 .180430 .250411 .300399 .350377 .400382 .450386 .500401 .550383 .600384 .650384 .650387 .700302 .800175 .900002 .950 .085	X/C CP 0.000 1.012 .010 .095 .030578 .050521 .100482 .180426 .300392 .350358 .400368 .450374 .550374 .550371 .600379 .650352 .700289 .750289 .750298 .850093 .950075	X/C CP 0.000 .981 .010 .251 .030531 .050506 .100436 .180399 .300364 .350341 .400342 .450341 .500352 .559366 -500341 .650315 .700281	X/C

						•			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	-627	.005	.529	-005	-460	.005	.287	.005	.188
-025	-045	.025	434	.025	539	-025	468	-025	615
.050	200	.050	568	- 050	716	. 050	641	.050	
. 100	404	.100	601	. 100	604				645
180	543	.120				-100	614	-100	536
_			615	-180	538	-180	524	-180	430
- 300	561	. 180	548	- 400	462	. 300	479	-300	386
- 400	494	. 250	519	. 500	430	-400	427	.400	~.380
.500	463	.300	546	-600	376				
-600	379					.500	402	• 500	367
		-400	490	-650	213	.600	326	-600	286
.650	275	.500	470	.700	080	-650	190	-650	193
.700	173	.600	373	. 750	.050				
. 750	046					.700	067	-700	070
		-650	237	-800	.151				
.800	.076	.700	101	- 900	- 257				
- 900	.182	.750	.031	. 950	-269				
-950	-203	-800	-125	•	.207				
		.850	. 164						





ORIGINAL PACE IS OF POOR QUALITY

## TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

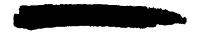
(b) M = 0.70 - Continued

 $\alpha = -0.06^{\circ}$ ;  $C_{L} = 0.123$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE .			WING UPPER SURFACE		
X/L CP -731187 -747179 -763095 -778094 -794 -001 -810 -013	X/C CP 0.000 .920 .010144 .030645 .050686 .100763 .180744	X/C CP 0.000 1.012 .003 .469 .010315 .020581 .025749 .030807	X/C CP 0.000 1.002 .010123 .030970 .050726 .100642	X/C CP 0.000 1.003 .010 .055 .030896 .050695 .100575	X/C CP 0.000 .956 .010 .090 .030728 .050608 .100468 .180376
.825 .036 .841 .044 .857 .066 .873 .079 .888 .086	.300484 .330437 .400403 .450385 .500374 .550384 .600379	.050813 .160679 .120643 .180517 .250462 .300453 .350439	.300 -:432 .350 -:417 .400 -:413 .450 -:414 .500 -:407 .550 -:405 .600 -:402	.300429 .350397 .400399 .450396 .50\\392 .550391 .600368	.370 -341 .350 -324 .400 -338 .450 -305 .500 -330 .550 -330 .60G -308
	.700297 .750261 .850150 .950 .007	.450429 .500434 .550418 .600406 .650362 .700319 .800183 .900008 .950 .005	.700309 .750262 .850099 .950 .071	.700291	.700282

						_			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.726	- 005	.675	.005	.579	.005	.478	.005	.343
- 025	.184	.025	219	.025	282	.025	235	.025	314
.050	070	•050	372	.050	456	.050	395	.050	432
- 100	305	.100	482	-100	··· .457	-100	486	.100	400
-180	459	-120	472	. 180	431	-180	432	.180	363
-300	501	.180	450	•400	410	.300	427	.300	343
-400	439	. 250	450	.500	401	.400	396	.400	339
- 500	436	.300	498	.600	354	.500	379	.500	342
-600	~.354	.400	443	.650	202	.600	~.310	.600	
.650	264	.500	435	.700					271
.700	161				067	-650	179	.650	100
		.600	359	. 750	- 054	.700	059	.700	059
.750	039	.650	222	.800	.151				
- 800	.083	- 700	094	. 900	-255				
- 900	.183	.750	.042	.950	.270				
.950	.201	. 800	. 129						
		.850	-175						
		.900	.246						
		.950	.271						





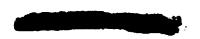
(b) M = 0.70 - Continued

(

α = 0.95°; C<sub>L</sub> = 0.228

	STATION .148	STATEON .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L LP .731200 .747185 .763100 .778003 .610 .016 .825 .038 .841 .042 .857 .066 .873 .080 .888 .086	X/C CP 0.000 .832 .010325 .030840 .050898 .100743 .180868 .300538 .350484 .400446 .500396 .550403 .600395 .650351 .700303 .750267 .850146 .950146	X/C	X/C CP 0.000 .986 .010355 .030 -1.294 .050 -1.086 .100696 .180578 .300500 .350474 .400465 .450468 .500442 .550428 .600423 .650383 .700319 .750264 .850101 .950 .074	X/C CP 0.000 .998 .010184 .030 -1.215 .050 -1.076 .100739 .180597 .300485 .350456 .400439 .450422 .550421 .600389 .650349 .700306	X/C CP 0.000 .961 .010065 .030981 .050782 .100587 .180423 .300423 .300370 .400384 .450346 .500361 .550353 .600308 .700297

						-			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP.
.005	-010	. 005	. 790	-005	•722	-005	-628	.005	.574
-025	-282	.025	029	.025	051	.025	-004	- 025	161
-050	-023	.050	235	-050	289	-050	240	.050	308
-100	215	• 100	330	- 100	333	-100	323	-100	329
180	384	-120	360	-180	350	-180	330	.180	300
-300	448	-140	355	- 400	364	.300	364	.300	302
-400	403	- 250	366	-500	364	•400	340	-400	303
-500	396	. 300	427	.600	332	-500	346	-500	314
-600	330	-400	392	.650	189	-600	291	-600	254
.450 .700	240	- 500	397	.700	057	-650	166	-650	170
-750	148 029	-600	333	.750	• 05 9	.700	055	-700	052
.800	.092	.650	211	. 600	.159				
.900	.189	. 700	084	•900	-256				
.950	-206	.750	-048	. 950	. 269				
. 170	.200	. 400	- 134						
		-850	. 184						
		- 900	. 251						
		.950	.272						



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## TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

(b) M = 0.70 - Continued

 $\alpha = 1.98^{\circ}$ :  $C_{L} = 0.335$ 

		STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
FUS X/L .731 .747 .763 .778 .794 .825 .841 .857 .873 .888	CP 201 190 104 053 000 019 043 044 080 080 086	X/C CP 0.000 .755 .010543 .030 -1.009 .050 -1.113 .100 -1.116 .180 -1.126 .300559 .350521 .400482 .450482 .450482 .550422 .600407 .450353 .760353 .760305 .750266 .850140 .950 .021	X/C CP 0.000 .924 .903 .139 .010705 .020 -1.032 .025 -1.175 .030 -1.341 .050 -1.410 .100 -1.260 .120 -1.321 .180580 .250599 .300558 .350534 .400512 .450490 .550440 .650490 .500381 .700324 .800179	X/C CP 0.000 .938 .010521 .030 -1.479 .050 -1.538 .100 -1.540 .180596 .300540 .350521 .400505 .450481 .500469 .550469 .550450 .600392 .700322 .750322 .750094 .950 .071	X/C CF 0.000 .978 .010356 .020 -1.433 .050 -1.362 .100 -1.249 .180607 .300516 .350489 .400474 .450452 .500447 .550430 .600400 .650360 .700311	X/C CP 0.000 .944 .010276 .030 -1.226 .050 -1.126 .100532 .180495 .300441 .350415 .400416 .450369 .500386 .550373 .600349 .650321 .700303
			.950 .083 0.900 0.000			

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	C P
-005	.852	- 005	. 86 7	- 005	. 822	.005	.754	.005	-686
.025	.398	.025	. 129	.025	.114	-025	.146	.025	.039
-050	-099	.050	086	.050	147	.050	101	.050	194
-100	124	. 100	243	-100	192				
						-100	239	-100	221
- 180	314	- 120	257	-180	26 1	.180	255	.180	234
.300	387	-180	282	-400	314	.300	311	.300	256
-400	354	-250	307	-500	324				
						-400	308	-400	270
-500	362	- 300	372	-600	314	-500	320	-500	283
-600	314	-400	339	.650	170	.600	272	-600	237
.650	224	.500	364	.700	051	-650	155	.650	156
.700	136	-600	313	.750	.073	.700	047	.700	
.750					_	+100	047	- 700	048
	015	-650	195	. 800	. 164				
.800	-100	.700	072	.900	-261				
<b>. 9</b> 00	.196	.750	. 055	. 950	.270				
- 950	-207	- 800	-141						
		-							
		. 850	.188						
		•900	. 251						
		.950	. 269						





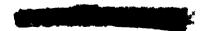
(b) M = 0.70 - Continued

 $\alpha = 2.94^{\circ}$ ;  $C_L = 0.443$ 

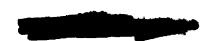
		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
503	ELA GE			WING UPPER SURFACE		
FUS X/L .731 .747 .763 .778 .794 .810 .825 .841 .857 .873	CP 209 194 100 051 002 021 048 065 083 090	X/C CP 0.000 .645 .010670 .030 -1.166 .050 -1.264 .100 -1.275 .180 -1.349 .300530 .350516 .400480 .450446 .500439 .550429 .600410	X/C CP 0.000 .866 .003 .030 .01087C .020 -1.205 .025 -1.358 .030 -1.528 .050 -1.641 .100 -1.588 .120 -1.496 .180 -1.296 .250540 .300531 .400509	X/C CP 0.000 .884 .010647 .030 -1.609 .050 -1.733 .100 -1.528 .180820 .300527 .350519 .400510 .450491 .500475 .550455 .600440 .650399	X/C CP 0.000 .943 .010476 .030 -1.546 .050 -1.705 .100 -1.504 .180745 .300515 .350498 .400484 .450470 .500454 .550439 .609402 .650359	X/C CP 0.000 .888 .010i59 .030 -1.438 .050 -1.418 .100 -1.027 .180521 .320468 .350448 .400440 .450391 .500412 .550396 .600364
		.700313 .750262 .850140 .950 .015	.450500 .500496 .550465 .600439 .650384 .700329 .800179 .900003 .950 .080 0.000 0.000	.700327 .750264 .850099 .950 .067	.700306	.700319

4	INC	LOWE	 ID C 4	

						-			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
- 005	-910	.005	-916	-005	.891	•005	.839	- 005	
-025	•459	•025	. 236	.025	.234	.025	.265	.025	.185
.050	-170	-050	-029	•050	017	.050	.012	.050	
-100	050	- 100	133	.100	087	.100	113		044
-160	255	.120	152					-100	124
				-180	198	-180	163	-180	189
<b>-3</b> 20	342	-160	188	-400	273	.300	252	-300	218
-400	316	-250	236	-500	294	-400	264	-400	237
- 500	339	- 300	31C	-600	288	.500	284	<b>.</b> 500	261
-600	287	-400	304	-650	155	.600	255	.600	221
-650	206	-500	321	-700	040	-650	136	-650	145
. 700	124	-600	287	.750	-080	.700	037		
.750	003	-650	166			.,00	031	. 700	045
				-800	.174				
- 800	-109	<b>.700</b>	058	.900	. 264				
-900	-202	. 750	.074	.950	.278				
- 950	-211	.800	. 156						
		- 850	.199						
		-900	- 261						



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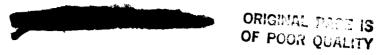
(b) M = 0.70 - Continued

 $\alpha = 3.95^{\circ}; C_{L} = 0.557$ 

	STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
<b>.731211</b>	0-000 .536	0.000 .788	0.000 .819	0.000 .877	0.000 .822
.747192	.010813	<b>-003116</b>	.010785	.010 <b>~.62</b> 2	.010584
.763102	-030 -1-402	.010 -1.010	.030 -1.733	.030 -1.687	.030 -l.581
.778050	-050 -1-396	.020 -1.345	.050 -1.825	.050 -1.821	.050 -1.578
<b>.794 .003</b>	-100 -1.430	.025 -1.475	-100 -1-741	-100 -1-669	.100 -l.495
-810 -027	-180 -1.545	.030 -1.621	.180 -1.634	.180 -1.472	.180615
.825 .048	-300720	.050 -1.766	.300484	.300496	.300503
.841 .052	-350488	.100 -1.743	-350466	-350464	.350473
.857 .070	-400454	.120 -1.709	.400472	-400454	.400466
.873 .083	.450436	.180 -1.592	.450467	<b>.4</b> 50 <b>456</b>	.450422
.888 .092	.500424	.250775	<b>.</b> 500 <b>46</b> 2	-500441	.500433
	-550423	.300494	<b>.</b> 550 - <b>.</b> 445	<b>.</b> 550 <b>4</b> 30	.550416
	-600396	.350478	-600427	-600401	.600383
	-650351	.400484	<b>.6503</b> 90	.650350	-650354
	.700306	-450486	.700321	.700306	.700334
	<b>.</b> 750263	.500484	•750260		
	<b>.850137</b>	<b>.55</b> 0 <b>4</b> 52	<b>.850</b> 100		
	.950 .018	-600438	<b>.</b> 950 <b>.</b> 065		
		<b>.65038</b> 0			
		.700325			
		<b>.8</b> 00 - <b>.</b> 176			
		.900006			
		<b>.950 .</b> 083			
		0.000 0.000			
		<b>9.00</b> 0 <b>0.</b> 000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
•005	.943	.005	.959	-005	. 934	- 005	.914	4005	.856
.025	.526	.025	. 364	.025	.347	.025	.368	-025	.275
-050	.259	-050	. 132	.05G	.108	.050	.156	-050	.060
-100	-008	. 100	041	-100	019	.100	031	-100	069
-180	195	.120	072	-190	122	-180	103	-180	131
.300	274	. 180	128	.400	223	•300	201	•300	176
.400	272	.250	169	-500	~.255	•400	222	•400	203
-500	300	.300	254	.600	257	.500	251	-500	236
.600	261	•400	256	-650	134	.600	232	.600	196
-650	135	-500	296	.700	023	-650	126	-650	132
-700	109	.600	260	.750	• 092	.700	024	.700	033
.750	.007	-650	150	.800	.183	****			0033
.800	.119	.700	044	.900	. 273				
.900	.208	.750	.085	-950	.283				
-950	-214	-800	. 162	• • • •					
-		. 850	. 205						
		.900	.268						
		.950	.284						





## (b) M = 0.70 - Concluded

 $\alpha = 4.97^{\circ}$ ;  $C_{L} = 0.658$ 

.778      043       .050       -1.555       .020       -1.473       .050       -1.959       .050       -1.910       .050         .794       .007       .100       -1.605       .025       -1.625       .100       -1.894       .100       -1.792       .100         .810       .031       .180       -1.659       .030       -1.746       .180       -1.730       .180       -1.714       .180         .825       .052       .330       -1.072       .050       -1.881       .300      810       .300      783       .300         .841       .053       .350      610       .100       -1.867       .350      527       .350      620       .350         .857       .073       .400      473       .120       -1.839       .400      440       .400      474       .400         .873       .087       .450      426       .180       -1.730       .450      421       .450      434       .450         .888       .092       .500      405       .250       -1.440       .500      424       .500      413       .550         .600      386       .350	N .913
.731208	
.747184	CP
.763096	. 739
.778043	724
-778 -043	-1.696
-794 -007	-1.736
.810 .031 .180 -1.659 .030 -1.746 .180 -1.730 .180 -1.714 .180 .825 .052 .300 -1.072 .050 -1.881 .300810 .300783 .300 .841 .053 .350610 .100 -1.867 .350527 .350620 .350 .857 .073 .400473 .120 -1.839 .400440 .400474 .400 .873 .087 .450426 .180 -1.730 .450421 .450434 .450 .888 .092 .500405 .250 -1.440 .500421 .450434 .500 .550396 .300755 .550403 .550391 .550 .600 .386 .350552 .600404 .600355 .600 .650337 .400457 .650361 .650317 .650 .650337 .400457 .650361 .650317 .650 .700279 .450443 .700292 .700276 .700 .275 .850448 .850093 .950 .009 .600410 .950 .059	-1.653
-825	890
-841 .053 .35061C .100 -1.867 .350527 .350620 .350 .351 .073 .400473 .120 -1.839 .400440 .400474 .400 .401 .373 .087 .450426 .180 -1.730 .450421 .450434 .450 .500405 .250 -1.440 .500424 .500413 .500 .550396 .300755 .550403 .550391 .550 .600 .350352 .600404 .600355 .600 .650337 .400457 .650361 .650317 .650 .500279 .450443 .700292 .700276 .700 .270 .270 .249 .850418 .550443 .850093 .950 .059 .600410 .950 .059	550
-857 -073	518
-873 -087 -450426 -180 -1.730 -450421 -450434 -450 -888 -092 -500405 -250 -1.440 -500424 -500413 -500 -550 -396 -396 -300755 -550403 -550 -391 -550 -600 -386 -350552 -600404 -600 -355 -600 -650337 -400457 -650 -361 -650 -317 -650 -317 -650 -700279 -450443 -700292 -700276 -700 -276 -700 -276 -850118 -550 -428 -850093 -950 -009 -6600410 -950 -059 -650356	491
-888 -092405 -250 -1.440 -500424 -500413 -500 -550396 -300755 -550403 -550391 -550 -600386 -350552 -600404 -600355 -600 -650337 -400457 -650 -361 -650317 -650 -700279 -450443 -700292 -700276 -700 -750249 -500441 -750245 -850118 -550428 -850093 -950 -009 -600410 -950 -059 -650356	430
.600386 .350552 .600404 .600355 .600 .650337 .400457 .650361 .650317 .650 .700279 .450443 .700292 .700276 .700 .750249 .500441 .750245 .850118 .550428 .850093 .950 .009 .600410 .950 .059 .650356	442
.600386 .350552 .600404 .600355 .600 .650337 .400457 .650361 .650317 .650 .700279 .450443 .700292 .700276 .700 .750249 .500441 .750245 .850118 .550428 .850093 .950 .009 .600410 .950 .059 .650356	427
.700279 .450443 .700292 .700276 .700 .750249 .500441 .750245 .850118 .550428 .850093 .950 .009 .600410 .950 .059 .650356	395
.750249 .500441 .750245 .850118 .550428 .850093 .950 .009 .600410 .950 .059 .650356	363
.750249 .500441 .750245 .850118 .550428 .850093 .950 .009 .600410 .950 .059 .650356	338
•950 •009 •600 -•410 •950 •059 •650 ~•356	
.950 .009 .600410 .950 .059 .650 ~.356	
•650 ~•356	
.700307	
.800 ~.164	
•900 -•007	
•950 •078	
0.000 0.000	•

CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-968	- 005	.981	.005	.971	.005	.939	.005	. 894
-601	- 025	-471	.025	·451	.025	.486	.025	.378
.326	-050	.214	.050	.213	-050	-210	- 050	. 136
.089	-100	.048	-100	.088	-100			.010
133	-120	.014	-180	046				063
238	. 180	066						144
238	. 250	109						181
275		:						211
241								191
169								120
								030
				-	••••			.030
			.,,,	7272				
	.950	.283						
	.968 .601 .326 .089 133 238 238	.968 .005 .601 .025 .326 .050 .089 .100133 .120238 .250275 .300241 .400169 .500095 .600 .012 .650 .122 .700 .207 .750 .213 .800	.968 .005 .981 .601 .025 .471 .326 .050 .214 .089 .100 .048 -133 .120 .014 -238 .180066 -238 .250109 -275 .300207 -241 .400219 -169 .500258 -095 .600242 .012 .650139 .122 .700033 .207 .750 .088 .213 .800 .167	.968 .005 .981 .005 .601 .025 .471 .025 .326 .050 .214 .050 .089 .100 .048 .100133 .120 .014 .180238 .180066 .400238 .250109 .500275 .300207 .600275 .300219 .650275 .500219 .650211 .400219 .650012 .650139 .800 .122 .700033 .900 .207 .750 .088 .950213 .800 .167 .850 .211 .900 .269	.968 .005 .981 .005 .971 .601 .025 .471 .025 .451 .326 .050 .214 .050 .213 .089 .100 .048 .100 .088133 .120 .014 .180046238 .180066 .400184238 .250109 .500221275 .300207 .600237241 .400219 .650112169 .500258 .700011095 .600242 .750 .100 .012 .650139 .800 .188 .122 .700033 .900 .275 .207 .750 .088 .950 .282 .213 .800 .167	.968 .005 .981 .005 .971 .005 .601 .025 .471 .025 .451 .025 .326 .050 .214 .050 .213 .050 .089 .100 .048 .100 .088 .100133 .120 .014 .180046 .180238 .180066 .400184 .300238 .250109 .500221 .400275 .300207 .600237 .500275 .300207 .600237 .500241 .400219 .650112 .600169 .500258 .700011 .650095 .600242 .750 .100 .700 .012 .650139 .800 .188 .122 .700033 .900 .275 .207 .750 .088 .950 .282 .213 .800 .167	.968 .005 .981 .005 .971 .005 .939 .601 .025 .471 .025 .451 .025 .486 .326 .050 .214 .050 .213 .050 .210 .089 .100 .048 .100 .088 .100 .050 -133 .120 .014 .180046 .180037238 .180066 .400184 .300152238 .250109 .500221 .400183275 .300207 .600237 .500223241 .400219 .650112 .600212169 .500258 .700011 .650109095 .600242 .750 .100 .700018 .122 .700033 .900 .275 .207 .750 .088 .950 .282 -213 .800 .167 .850 .211	.968

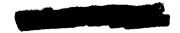


(c) M = 0.75

 $\alpha = -1.07^{\circ}$ ;  $C_{L} = 0.005$ 

		STATIO	N .148	STATIO	N .402	STATIO	N .595	STATEO	N .775	STATIO	N .913
FUS	ELAGE					AING UPP	ER SURFAC	E			
X/L	CP	X/C	CF	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	184	0.000	1.041	0.000	1.037	0.000	1-014	0.000	. 983	0.000	.950
.747	167	-010	-086	.003	.653	.010	.124	.010	.263	.010	.314
. 763	086	-030	381	-010	602	.030	640	.030	553	.030	508
.778	034	-050	489	-020	-, 294	-050	548	.050	531	.050	501
. 794	- 008	.100	595	-025	42.	-100	513	.100	469	-100	388
-810	-029	-180	677	- 030	529	,180	442	.180	427	.180	332
.825	. 045	.300	450	-050	.517	-300	424	. 300	393	. 300	324
.841	- 05 0	.350	401	-100	573	.350	384	.350	371	-350	294
.857	- 074	-400	377	-170	.523	-400	395	.400	366	- 400	324
-873	. 085	-450	360	. 180	*5	.450	412	-450	379	•450	295
.888	. 095	-500	362	- 250	449	-500	410	.500	387	-500	328
		-550	373	- 300	432	.550	40L	.550	395	•550	320
		-600	375	.350	415	-600	410	-600	377	-600	301
		-650	341	-400	407	-650	380	.650	339	-650	284
		-700	292	-450	413	.700	307	.700	298	.700	274
		.750	257	.500	432	-750	257				
		.850	141	•550	416	-850	086				
		.950	-024	.600	416	. 950	-091				
				-650	362						
				.700	316						
				-800	175						
				-900	.006						
				.950	- 102						
				0.000	0.000						

CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-632	.005	.578	-005	-435	.005	.252	.005	.227
-098	.025	382	-025	493	.025	421	.025	600
156	.050	575	-050	718	.050	686	.050	682
374	.100	682	-100	642	.100	699	.100	544
568	.120	674	- 180	595	-180	579	.180	472
637	-180	604	-400	508	-300	534		414
538	. 250	582	-500	469		474		412
513	. 300	641	-600	387		443		402
404	-400	562	-650	210		343		301
283								198
177							-	064
					****			••••
	-							
	.950	-280						
	-632 -098 156 374 568 637 538 513	-632 .005 -098 .025 -156 .050 -374 .100 -568 .120 -637 .180 -513 .300 -404 .400 -283 .500 -177 .600 -081 .700 .188 .750 -211 .800	-632 .005 .578 -098 .025382 -156 .050575 -374 .100682 568 .120674 637 .180604 538 .250582 513 .300641 404 .400562 177 .600393 044 .650234 .081 .700091 .188 .750 .045 -211 .800 .133 .850 .177 -900 .252	-632 .005 .578 .005 -098 .025382 .025 -156 .050575 .050 -374 .100682 .100 568 .120674 .180 637 .180604 .400 538 .250582 .500 513 .300641 .600 513 .300641 .600 283 .500562 .650 283 .500520 .700 177 .600393 .750 044 .650234 .800 .081 .700091 .900 .188 .750 .045 .950 -211 .800 .133 .850 .177 .900 .252	-632	-632	-632	-632





( 4

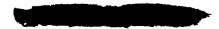
## TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

(c) M = 0.75 - Continued

 $\alpha = -0.06^{\circ}; C_{L} = 0.122$ 

		DITATE	N -148	STATEO	N -402	STATIO	N -595	STATE	N .775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFACE	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	192	0.000	.964	0.000	1.035	0.000	1.018	0.000	1.019	0.000	.976
.747	180	-010	051	.003	-510	-010	089	-010	.088	.010	.149
.763	088	-030	582	.010	214	.030	980	.030	890	.030	710
.778	~- 039	-050	664	.020	539	.050	846	.050	844	-050	637
.794	-011	-100	729	.025	650	-100	689	-100	635	-100	523
.810	-031	-180	849	.030	765	.180	531	.180	551	-180	391
.825	. 047	- 300	476	.050	893	-300	472	. 300	449	.300	380
.841	. 053	- 350	443	.100	733	. 350	448	.350	421	-350	350
.857	. 074	400	410	.120	730	-400	440	.400	423	-400	358
.873	.083	-450	388	. 180	543	-450	442	-450	415	-450	328
.888	. 092	-500	387	.250	508	•500	443	.500	418	.500	358
		.550	405	.300	492	.550	436	-550	421	.550	354
		-600	399	.350	461	-600	433	.600	390	.600	331
		-650	349	.400	456	- 650	391	.650	356	.650	310
		.700	300	. 450	451	.700	316	.700	307	.700	292
		.750	271	.500	464	.750	263		••••	••••	72,2
		.850	142	.550	445	-850	087				
		.950	-024	-600	435	- 950	-091				
				.650	376						
				.700	322						
				.800	173						
				.900	-014						
				.950	. 103						
				0.000	0.000						

x/C .005 .025	CP .614 233	X/C -005	CP •469	x/C •005	CP •411
.025			-	-005	
	233		-		
			213	.025	362
• 050	475				522
					467
					392
			_		390
	436	•400	428	•400	370
-600	377	.500	413	.500	368
.650	203	-600	327	-600	285
.700	063	-650	182	-650	188
.750	-065				059
. 950	.278				
		.050475 .100481 .180481 .400461 .500436 .600377 .650203 .700063 .750 .065 .800 .161	.050475 .050 .100481 .100 .180481 .180 .400461 .300 .500436 .400 .600377 .500 .650203 .600 .700063 .650 .750 .065 .700 .800 .161	.050475 .050431 .100486 .180481 .180486 .180466 .400461 .300469 .500377 .500413 .650203 .600327 .700063 .650182 .750 .065 .700053 .800 .161 .900 .265	.025233 .025213 .025 .050475 .050431 .050 .100481 .100486 .100 .180461 .180466 .180 .400461 .300469 .300 .500436 .400428 .400 .600377 .500413 .500 .650203 .600327 .600 .700063 .650182 .650 .750 .065 .700053 .700 .800 .161 .900 .265





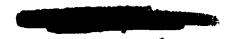
(c) M = 0.75 - Continued

 $\alpha = 0.93^{\circ}; C_{L} = 0.233$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	202	0-000 -884	0.000 1.003	0.000 1.008	0.000 1.013	0.000 .974
.747	180	-010253	.003 .393	-010222	.010057	.010020
.763	090	-030744	.010 <b>366</b>	.030 -1.137	.030 -1.075	.030970
.778	037	-050813	.020683	-050 -1.183	.050 -1.121	.050985
.794	. 008	-100865	.0256-3	-100 -1-064	.100964	-100677
.810	-028	-180 -1-038	.030999	.180627	.180545	-180445
.825	. 05 1	.300444	.050 -1.086	.300512	.300501	-300423
.841	. 053	-350446	.100 -1.037	.350505	.350473	-350402
.857	.079	-400434	-120 -1-026	.400488	.400462	.400397
.873	-087	.450409	-180910	.450479	.450453	.450362
.888	. 096	.500404	.250471	-500462	.500447	.500379
		.550412	.300525	.550451	-550440	-550373
		-600420	.350506	.600450	.600409	-600353
		-650358	.400495	.650401	.650366	.650331
		.700308	.450489	.700322	.700312	.700309
		-750263	-500492	.750260		
		.850142	.550464	.850082		
		-950 -025	.600448	.950 .090		
			.650384	****		
			.700327			
			.800170			
			.900 .013			
			.950 .103			
			0.000 0.000			

CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-816	.005	.772	- 005	.729	-005	.615	-005	.602
.325	.025	033	.025	071	.025	038	-025	156
-040	-050	240		307	-050	266		326
								354
								345
490	-180	395	-400	411	. 300	409	- 300	337
445	-250	404	-500	402	.400	389	.400	~.338
439	- 300	496	-600	359	-500	392	-500	342
358	-400	436	-650	191	-600	311	-600	269
250		444						174
149		~.358		• -				048
-095	.700	075	.900	.270				
-200	.750	.059	-950	.280				
.214	.800	.147						
	-850	-190						
	•950	. 28 l						
	.816 .325 .040 206 398 490 445 439 358 250 149 022	.816 .005 .325 .025 .040 .050206 .100398 .120490 .180445 .250439 .300358 .400250 .500149 .600022 .650 .095 .700 .200 .750	.816 .005 .772 .325 .025 -033 .040 .050240206 .100381398 .120388490 .180395445 .2504C4439 .300496358 .400436250 .500444149 .600358022 .650214 .095 .700075 .200 .750 .059 .214 .800 .147	.816 .005 .772 .005 .325 .025033 .025 .040 .050240 .050206 .100381 .100398 .120388 .180490 .180395 .400445 .2504C4 .500449 .300496 .600358 .400436 .650358 .400436 .650250 .500444 .700149 .600358 .750022 .650214 .800 .095 .700075 .900 .214 .800 .147 .850 .190	.816	.816	.816	.816





OFFICER GEALTY

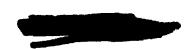
# TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

#### (c) M = 0.75 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.358$ 

	STATION .148	STACEON .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L	X/C CP 0.000 .831 .010377 .030917 .050960 .100973 .180 -1.165 .300 -1.195 .350479 .400391 .450386 .500396 .500411 .600407 .650355 .700303 .750265 .850138 .950 .026	X/C CP 0.000 .974 .003 .290 .010515 .020813 .025966 .030 -1.125 .050 -1.248 .100 -1.255 .120 -1.230 .180 -1.184 .250 -1.072 .300542 .350378 .400435 .450435 .500470 .550470 .550470 .550470 .550470 .550470 .550470 .550471 .600446 .650390 .700328 .800173 .900 .011 .955 .102 0.000 0.000	X/C CP 0.000 .981 .010347 .030 -1.249 .050 -1.343 .100 -1.287 .180 -1.188 .300544 .350373 .400461 .450460 .500462 .550451 .600449 .650399 .700325 .750263 .850088 .950 .090	X/C CP 0.000 i.008 .010176 .030 -1.216 .050 -1.304 .100 -1.267 .180 -1.107 .300354 .350417 .400433 .500434 .500439 .550441 .600406 .650366 .700313	X/C CP 0.000 .953 .010168 .030 -1.128 .050 -1.277 .100 -1.105 .180427 .300453 .350431 .400432 .450393 .500412 .550401 .600366 .650336 .700322

v 10									
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	-866	-005	- 841	- 005	.804	-005	.731	-005	-675
.025	•392	- 025	.090	.025	-082	-025	•097	.025	
-050	.137	-050	106	-050	157	-050	100		.003
-100	124	.100	275	.100	234			•050	185
-180	334	-120				-100	277	-100	260
			286	.180	294	-180	280	-180	274
.300	418	-180	307	-400	353	• 300	346	.300	283
-400	388	. 250	321	,500	365	- 400	335	•400	300
.500	409	-300	412	-600	336	•500	350		
-600	334	-400	392	-650	175		_	-500	316
-650	236					-600	291	-600	255
		•500	391	.700	041	-650	152	-650	165
-700	136	-600	331	.750	.080	-700	037	.700	045
.750	012	- 650	196	-600	.179				047
-800	-108	-700	064	.900	. 279				
.900	.212	. 750	-068	-950	.289				
.950	-219	-800		. 770	1207				
	<b>64. 6. 7</b>		. 155						
		. 850	· 201						
		-900	.269						
		-950	. 292						



## ORIGINAL PAGE IS OF POOR QUALITY

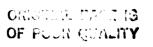
# TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

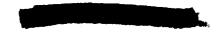
(c) M = 0.75 - Continued

 $\alpha = 2.94^{\circ}; C_{L} = 0.483$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	200	0.000 .715	0.000 .927	0.000 .935	0.000 .984	0.000 .910
.747	~. 182	.010513	.03 .159	.010448	.010308	.010288
. 763	087	-030 -1-067	.010632	.030 -1.352	.030 -1.311	.030 -1.217
.778	036	-050 -1-073	.020967	.050 -1.476	.050 -1.442	.050 -1.405
. 794	.018	.100 -1.136	.025 -1.104	.100 -1.413	-100 -1-418	.100 -1.307
.810	.036	.180 -1.248	.030 -1.243	.180 -1.343	.180 -1.335	-180 -1-113
.825	. 056	.300 -1.314	.050 -1.373	.300 -1.246	.300 -1.087	.300433
.841	.061	.350840	-100 -1-370	.350702	.350383	.350427
. 857	.079	.400477	-120 -1.390	.400325	.400329	-400438
.873	.090	-450385	.180 -1.322	.450320	.450351	.450400
.888	.100	.500368	.250 -1.266	.500366	.500386	.500422
		-550380	-300 -1.229	.550397	.550385	.550411
		.600378	-350896	-600402	.600383	.600383
		.650340	.400364	.650373	.650339	.650354
		.700284	.450352	.700296	.700295	.700333
		.750250	.500396	.750258	*****	0.00
		.850127	.550406	.850084		
		.950 .030	.600413	-950 -089		
			.650361			
			.700313			
			.800168			
			.900 .012			
			.950 .102			
			0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
•005	.921	.005	.910	.005	.880	- 005	.813	- 00 5	.770
-025	-471	-025	. 24 C	. 025	.199	-025	. 241	.025	.129
.050	.205	-050	002	.050	043	.050	004	. 05 0	096
. 100	050	.100	144	-100	113	-100	140	-100	174
- 180	260	.120	167	. 180	218	-180	187	.180	215
-300	370	.180	216	-400	298	•300	279	.300	246
-400	342	• 250	259	.500	325	-400	291	-400	262
- 500	369	- 300	348	-600	307	-500	308	.500	288
-600	307	•400	326	-650	153	-600	264	-600	238
•650	213	• 500	355	.700	024	-650	138	-650	152
.700	121	•600	304	. 750	.094	-700	026	.700	036
.750	.002	-650	. 168	-800	.191				
.800	-120	.700	051	.900	.289				
.900	-217	.750	.088	. 950	. 300				
.950	-228	.800	-171						
		-850	-214						
		<b>-9</b> 00	·281						
		•950	• 303						





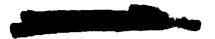
(c) M = 0.75 - Continued

 $\alpha = 3.95^{\circ}$ ;  $C_{L} = 0.605$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L	X/C CP 0.000 .624 .010631 .030 -1.202 .050 -1.178 .100 -1.274 .180 -1.387 .300 -1.462 .350 -1.356 .400713 .450463 .500366 .600366 .600340 .570261 .750220 .850106 .950028	X/C CP 0.000 .859 .003 .045 .010747 .020 -1.085 .025 -1.195 .030 -1.329 .050 -1.473 .100 -1.514 .120 -1.494 .180 -1.452 .250 -1.389 .300 -1.385 .400 -1.079 .450466 .500335 .550313 .600325 .650307 .700261 .800 .022 .950 .107	X/C CP 0.000 .8k'9 .010542 .030 -1.445 .050 -1.540 .100 -1.509 .180 -1.465 .300 -1.348 .350 -1.333 .400 -1.017 .450435 .500291 .550278 .600314 .650303 .700258 .750218 .850066 .950 .094	X/C CP 0.000 .935 .010432 .030 -1.392 .050 -1.532 .100 -1.510 .180 -1.497 .300 -1.351 .350 -1.232 .400630 .550304 .550302 .600293 .650285 .700256	X/C CP 0.000 .875 .010404 .030 -1.338 .050 -1.498 .100 -1.466 .180 -1.291 .300468 .350393 .400419 .450395 .500426 .550416 .600384 .650362 .700344

						_			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005 .025 .050	•958 •543 •278	•005 •025 •050	.963 .342 .098	.005 .025 .050	.926 .310 .080	.005 .025 .050	.897 -358	.005 .025	-824 -244
-100 -180 -100	.016 198 294	.100 .120 .180	059 094 152	.100 .180	040 153 264	-100 -160	.109 052 124	.050 .100 .180	-013 107 165
-400 -500	310 328 278	.250 .300 .400	190 278 279	.500 .600	282 274 138	•300 •40) •500	237 251 278	•300 •400 •500	207 241 263
-650 -700 -750	195 107 -016	.500 .600	313 278	-700 -750	015 .106	.600 .650 .700	242 123 018	.600 .650 .700	213 142 031
.800 .900	.129 .223	• 700 • 750	151 026 .097	-800 -900 -950	•200 •297 •305				
-950	•225	.800 .850 .900	.179 .222 .293						



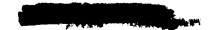


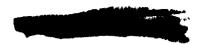
#### (c) M = 0.75 - Concluded

 $\alpha = 4.98^{\circ}; C_{L} = 0.712$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSE	LAGE			WING UPPER SURFACE		
X/L .731 .747 .763 .778 .794 .810 .825	CP 157 149 074 029 .023 .046 .073	X/C CP 0.000 .536 .010798 .030 -1.345 .050 -1.300 .100 -1.416 .180 -1.477 .300 -1.556 .350 -1.385	X/C CP 0.000 .817 .003047 .010884 .020 -1.200 .025 -1.303 .030 -1.442 .050 -1.588 .100 -1.603	X/C CP 0.000 .823 .010682 .030 -1.530 .050 -1.632 .100 -1.613 .180 -1.574 .300 -1.497 .350 -1.470	X/C CP 0.000 .896 .010506 .030 -1.469 .050 -1.621 .100 -1.602 .180 -1.575 .300 -1.470 .350 -1.362	X/C CP 0.000 .820 .010516 .030 -1.419 .050 -1.587 .100 -1.569 .180 -1.397 .300 -1.156 .350807
.857 .873 .888	.093 .098 .105	-400872 -450698 -500504 -550402 -600334 -650268 -700222 -750171 -850098 -950034	-120 -1.584 -180 -1.543 -250 -1.521 -300 -1.502 -350 -1.485 -400 -1.251 -450765 -500568 -550350 -600276 -650251 -700226 -800118 -900 -022 -950 -100	-400 -1-386 -450829 -500640 -550395 -600273 -650228 -700187 -750154 -850045 -950 -091	.400897 .450657 .500465 .550330 .600284 .650244 .700210	.400395 .450379 .500417 .550421 .600397 .650368 .700350

x/c	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.976	.005	- 983	.005	. 964	.005	.932	. 005	.858
-025	.617	-025	-422	- 025	.426	.025	.421	.025	.327
-050	.332	• 05 0	-200	.050	.167	.050	.192	.050	.089
.100	.075	.100	.038	.100	.043	.100	.035	.100	047
180	128	.120	022	.180	074	.180	066	-180	120
-300	251	.180	085	-400	213	. 300	183	•300	178
-400	263	.250	128	.500	249	.400	207	-400	208
.500	303	. 300	229	.600	259	.500	250	.500	240
.600	268	-400	241	-650	123	.600	226	•600	208
.650	186	. 500	284	.700	007	.650	114	•650	131
- 700	106	.600	258	.750	.105	.700	011	.700	027
.750	-009	•650	146	.800	.204		••••	••••	*021
-800	-126	-700	030	. 900	.297				
.900	.209	.750	.096	. 950	.305				
.950	-204	-800	-176						
		.850	.223						
	4	.900	.286						
		.950	. 300						





(d) M = 0.775

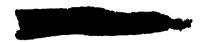
 $\alpha = -1.07^{\circ}; C_{L} = 0.001$ 

		STATIO	N -148	STATIO	N -402	STATEO	N .595	STATEO	.775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFACE	Ē			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
.731	187	0.000	1.039	0.000	1-046	0.000	1.025	0.000	.984	0.000	. 961
.747	174	.010	-162	.003	- 465	.010	. 132	.010	.293	-010	.308
. 763	083	.030	389	.010	004	.030	718	.030	518	.030	522
.778	032	-050	470	- 020	297	- 050	550	-050	516	• 050	480
. 794	- 012	-100	554	.025	452	-100	533	.100	528	.100	400
-810	- 029	- 180	726	.030	495	-180	469	-180	467	-180	359
.825	. 055	- 300	440	.050	680	-300	437		430	.300	339
-841	. 054	. 350	415	.100	607	. 350	410	.350	384	• 350 • 350	315
.857	- 081	-400	390	-120	579	-400	428	-400	391	•400	
.873	- 094	-450	363	-180	449	-450	425	.450	394	.450	347 302
.888	- 097	.500	372	.250	465	-500	431		408	• <del>• • • • • • • • • • • • • • • • • • </del>	341
		-550	390	. 300	462	.550	429		418	.550	340
		.400	402	.350	413	•600	440		392		
		-650	351	.400	420	. 650	396		351	-600	325
		.700	297	- 450	422	.700	316		299		299
		.750	262	.500	451	-750	256	-700	277	- 700	288
		-850	135	.550	434	-850	079				
		•950	.035	.600	433	.950	.102				
	*	••••	****	.650	369	. 770	.102				
				.700	320						
				-800	168						
				.900	-016						
				•950	.114						
				0.000	0.000						

						•			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
-005	.648	.005	• 592	. 005	.487	.005	.267	-005	.252
.025	-094	.025	368	.025	449	. 025	425	. 025	567
-050	118	. 050	539	. 050	702	.050	720	250	745
-100	360	-100	683	- 100	722				
						.100	783	- 100	664
180	591	.120	683	- 180	649	-180	629	-180	566
-300	709	.180	701	-400	554	.300	598	.300	433
-400	599	. 250	644	-500	501	.400	497	-400	443
-500	~.554	.300	699	•600	390	.500			
							469	.500	427
-600	413	-400	610	-650	206	-600	345	.600	307
•650	288	-500	558	.700	~.059	-650	182	. 65 0	195
.700	169	-600	395	. 750	.073	.700	048	.700	052
.750	032	-650	231	-800	-169			2.00	.032
.800	.087	.700	081	. 900	-271				
-900									
	-194	.750	-056	.950	.288				
•950	-218	- 800	- 140						
		.850	.184						
		.900	. 257						
		950	304						







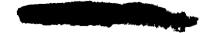
(d) M = 0.775 - Continued

 $\alpha = -0.05^{\circ}$ ;  $C_{L} = 0.123$ 

		STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L .731 .747 .763 .778 .794 .810	CP 195 174 084 032 . 013 . 035	X/C CP 0.000 .969 .010744 .030529 .050624 .100707 .180840 .300418	X/C CP 0.000 1.029 .003 .556 .010 -180 .020435 .025590 .030709	X/C CP 0.000 1.019 .010029 .030911 .050917 .100723 .180570	X/C CP 0.000 1.012 .010 .130 .030845 .050821 .100661 .180585	X/C CP 0.000 .973 .010 .152 .030775 .050720 .100523 .180409
.841 .857 .873 .880	. 060 . 077 . 089 . 100	.350419 .400413 .450395 .500402 .550408 .600421 .650364 .700306 .750270 .850136	.050837 .100786 .120822 .180674 .250505 .300502 .350484 .400472 .450470 .500489	.300500 .350487 .400478 .450487 .500474 .550460 .600462 .650408 .700323 .750261 .850078	.300473 .350430 .400442 .450441 .500438 .550442 .600415 .650367 .700314	.300399 .350388 .400387 .450353 .500383 .550374 .600351 .650321 .700306
		•950     032	.600454 .650389 .700332 .800171 .900 .014 .950 .112 0.000 0.000	.950 .101		

#### WING LOWER SURFACE

						•			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	.755	. 005	.698	.005	-619	-005	.472	-005	.421
-025	.229	.025	204	-025	260	-025	219	.025	347
-050	037	.050	372	.050	511	-050	431	-050	504
-100	282	.100	557	-100	512	-100	560	-100	495
.180	498	.120	553	. 180	544	.180	507		
.300	635	.180	530	-400	502			.180	447
.400	537	.250	523			- 300	511	.300	407
.500	530			-500	467	-400	461	.400	397
		.300	620	-600	394	.500	440	.500	391
.600	398	- 400	540	-650	207	.600	337	.600	302
-650	280	. 500	524	-700	053	.650	179	-650	191
.700	162	- 600	387	.750	.075	.700	047	.700	053
.750	~.030	.650	224	- 800	-170		••••		•••
. 800	.089	.700	081	. 900	.274				
.900	.198	.750	.055	- 950	. 287				
.950	-215	- 800	.139		4207				
		.850	-184						
		.900							
			-257						
		•950	.285						



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(d) M = 0.775 - Continued

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 $\alpha = 0.96^{\circ}; C_{L} = 0.250$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731207 .747181 .763085 .778031 .794 -011 .810 -036 .825058 .841062 .857085 .873093 .888 .101	X/C CP 0.000 .903 .010205 .030632 .050759 .100826 .180993 .300999 .350436 .400378 .450368 .500380 .550405 .600411 .650362 .700314 .750265 .850136 .950 .033	X/C CP 0.000 1.014 .003 .417 .010312 .020662 .025735 .030910 .050 -1.022 .100 -1.026 .120 -1.037 .180935 .250873 .300810 .350379 .400423 .450445 .500466 .550471 .600471 .650395 .700335 .800170 .900 .017	7/C CP 0.070 1.018 .010145 .030 -1.024 .050 -1.113 .100 -1.060 .180949 .300503 .350409 .400452 .450467 .500472 .550463 .600461 .650411 .700328 .750262 .850077 .950 .105	X/C CP 0.000 1.018 .010006 .030 -1.002 .050 -1.123 .100 -1.034 .180894 .300324 .350426 .400431 .450458 .500454 .550451 .600417 .650370 .700316	X/C CP 0.000 .979 .010 .015 .030873 .050 -1.091 .100880 .180359 .300430 .350405 .400412 .450378 .500400 .550388 .600360 .650339 .700317

X/C	CP	X/C	CP	x/c	CP	x/C	CP	x/C	CP
-005	.832	-005	.772	.005	.731	.005	.616	-005	-561
. 025	-340	•025	011	-025	085	-025	040	.025	157
.050	.029	- 050	234	. 050	346	.050	265	.050	386
- 100	192	- 1 00	354	.100	362	.100	365	-100	360
-180	402	.120	421	.180	406	-180	398	-180	355
- 300	517	.180	411	.400	436	.300	440	. 300	347
-400	477	- 250	418	-500	429	-400	402	-490	352
- 500	469	- 300	520	-600	365	.500	410	.500	362
.600	365	- 400	465	-650	185	-600	313	-600	276
.650	251	- 500	481	.700	047	-650	170	.650	175
-700	151	-600	366	. 750	-081	.700	040	.700	047
. 750	015	-650	208	.800	-181		•		•• 7 •
-800	-106	- 700	06 9	.900	.281				
- 900	-209	. 750	-067	.950	-294				
.950	-221	- 800	. 159						
		-850	-198						
		- 900	-270						
		.950	-295						

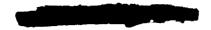


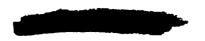
(d) M = 0.775 - Continued

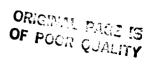
 $\alpha = 2.00^{\circ}; C_{L} = 0.388$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731204 .747179 .763088 .778032 .794 .017 .20 .039 .25 .057 .841 .061 .857 .082 .873 .093 .868 .104	X/C CP 0.000 .829 .010317 .030818 .050903 .100925 .180 -1.021 .350 -1.140 .400549 .450372 .500360 .550380 .600387 .650387 .700289 .750251 .850128	X/C CP 0.000 .989 .003 .323 .010426 .020746 .025875 .030 -1.027 .050 -1.115 .100 -1.176 .120 -1.171 .180 -1.124 .250 -1.124 .250 -1.124 .300 -1.054 .400786 .450352 .500374 .550398 .600389 .650366 .700315 .800165 .900 .022 .950 .115 0.000 C.000	X/C	X/C CP 0.000 1.010 .010135 .030 -1.093 .050 -1.221 .100 -1.187 .180 -1.180 .300 -1.005 .350 -1.005 .400296 .450283 .500342 .550370 .600380 .650342 .700399	X/C CP 0.000 .962 .010115 .030 -1.027 .050 -1.195 .100 -1.162 .180956 .300405 .300405 .400412 .450381 .500411 .550405 .600380 .650350 .700323

X/C	CP	X/C	CP	×/C	CP	X/C	CP	X/C	CP
.005	. 8 86	.005	. 549	.005	. 806	-005	.723	.005	-658
.025	-403	. 025	- 111	.025	.066	.025	.113	.025	.008
-050	-128	.050	120	-050	161	.050	161	.050	216
-100	107	- 100	263	-100	241	-100	267	.100	287
-180	337	. 120	280	-180	311	180	303	-180	291
.300	437	. 180	318	-400	376	-300	377	-300	304
-400	416	- 250	354	.500	382	.400	371	-400	
-500	423	. 300	436	.600	340	.500	372		316
.600	345	.400	417	.650	166		–	-500	329
-650	234	.500	429			.600	298	.600	259
. 700	139			.700	.033	.650	152	-650	160
		-600	336	. 750	.093	.700	026	.700	040
.750	006	. 650	184	.800	. 3				
.800	-112	. 700	054	-900	. 297				
.900	-222	. 150	-084	. 950	.309				
.950	.235	.800	-170						
		. 650	.208						







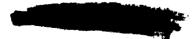
(d) M = 0.775 - Continued

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 $\alpha = 2.98^{\circ}; C_{L} = 0.517$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	E	
TUSEL AGE  X/L CP  .731187  .747165  .763079  .778023  .794024  .810047  .825  .841065  .857085  .873094  .888098	.030966 .050992 .100 -1.056 .180 -1.196 .300 -1.321 .350 -1.276 .400 -1.064 .450539	X/C CP 0.000 .954 .003 .221 .010551 .02086C .025963 .030 -1.128 .050 -1.253 .100 -1.281 .120 -1.278 .180 -1.241 .250 -1.241	X/C CP 0.000 .961 .010377 .030 -1.230 .050 -1.348 .100 -1.320 .180 -1.263 .300 -1.216 .350 -1.206 .400 -1.192 .450969 .500394	X/C CP 0.000 1.001 .010224 .030 -1.182 .050 -1.326 .100 -1.286 .180 -1.296 .300 -1.192 .350 -1.168 .400 -1.107 .450605 .500303	X/C CP 0.000 .941 .010204 .030 -1.1.2 .050 -1.303 .100 -1.278 .180 -1.113 .300867 .350359 .450365 .450358 .500399
	-550364 -600339 -650307 -700264 -750230 -850108 -950 -040	.300 -1.238 .350 -1.215 .400 -1.185 .450 -1.048 .500393 .550296 .600302 .650282 .700257 .800143 .900 .031 .950 .119	.550287 .600265 .650270 .700239 .750198 .850057 .950 .109	.550260 .600271 .650273 .700250	.550400 .600372 .650353 .700336

					•			
CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
-925	- 005	- 906	-005	-871	.005	.793	.005	.730
.491	-025	- 228	.025	- 196	.025	-225	.025	.092
-206	- 050	-006	-050	064	.050	037		119
039	-100	l63	- 100	124	-100	153		194
259	. 120	207	-180	221				240
374	.180	234	- 400	331				267
370	- 250	278	-500	340				292
386	- 300	370	. 600	310				301
315	-400	356						242
219	- 500	378						156
118	.600	316						032
-005	-650	176			• • • • • • • • • • • • • • • • • • • •	****		.032
-126	.700	041						
-222	.750	.093		_				
-23C	-800	.178						
	-850	- 221						
	- 900							
	-950	-311						
	-925 -491 -206 -039 -259 -374 -370 -386 -315 -219 -118 -005 -126 -222	.925 .005 .491 .025 .206 .050039 .100259 .120374 .180370 .250386 .300315 .400219 .500118 .600 .005 .650 .126 .700 .222 .750 .230 .800	-925 .005 .906 -491 .025 .228 -206 .050 .006039 .100163259 .120207374 .180234370 .250278386 .300370315 .400 .356219 .500378118 .600316 .005 .650176 -126 .700041 .222 .750 .093 .230 .800 .178 .850 .221 .900 .291	-925	-925	-925	-925	-925





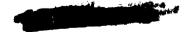


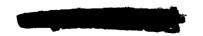
(d) M = 0.775 - Continued

 $\alpha = 3.96^{\circ}; C_{L} = 0.641$ 

		STATION -148	STATION .402	STATION .595	STATEON .775	STATION -913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	164	0-000 -665	0-000 -904	0.000 .920	0.000 .964	0.000 .900
.747	143	.010 <b>53</b> 6	-003 -117	<b>.</b> 010 - <b>.</b> 456	.010 <del>-</del> .333	.010321
. 763	068	. 30 -1.120	-010680	-030 -1-322	.030 -1.285	.030 ~1.225
.778	019	1.092 - ادن	.020973	-050 -1-423	.050 -1.400	.050 -1.3 <b>65</b>
.794	.033	-100 -1-157	-025 -1-089	.100 -1.401	-100 -1-403	.100 -1.375
.810	- 053	.180 -1.290	.930 -1.227	.180 -1.371	.180 -1.375	.180 -1.235
.825	-071	-300 -1-432	-050 -1-369	-300 -1-331	.300 -1.346	.300 -1.057
-841	-073	.350 -1 <b>.38</b> 6	-100 -1-380	-350 -1-304	.350 -1.306	.350 -1.024
. 857	- 090	.400 -1.286	-120 -1-389	-400 -1-295	-400 -1-267	.400815
.873	. 098	.450832	-180 -1-340	-450 -1-297	.450 -1.000	.450393
.888	- 105	.500549	-250 -1-330	-500908	-500650	-500376
		.550451	-300 -1-330	.550605	.550414	.550370
		.600349	-350 -L-319	.600416	.600270	.600363
		.650285	-400 -1-305	.650247	.650223	.650346
		.700238	.450 -1.298	.700173	.700187	.700329
		.750185	.500733	.750133		
		.850090	.550521	.850021		
		.950 .017	.600378	-950 -115		
		2,22	.650228			
			.700184			
			.800093			
			.900 .053			
			.950 .125			
			0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	-962	. 005	.949	- 005	.912	-005	.870	•005	-811
-025	-534	.025	. 336	.025	.296	.025	.329	.025	-215
-050	-281	.050	.117	.050	.048	-050	.087	.050	012
-100	-020	-100	066	.100	048	-100	077	.100	131
-180	209	. 120	101	.180	164	-180	139	.180	186
- 300	309	.180	161	.400	273	-300	255	-300	226
-400	311	. 250	200	.500	304	-400	267	-400	256
-500	348	- 300	303	.600	296	-500	297	- 500	284
-600	301	-400	302	.650	135	-600	258	.600	234
-650	200	-500	339	.700	012	-650	127	-650	143
.700	112	-600	287	.750	.109	-700	013	.700	029
.750	-012	-650	156	.800	.209		•		
.800	-129	.700	030	.900	.306				
-900	-222	. 750	.101	.950	-318				
-950	-225	.800	.183						
		.850	.231						
		. 900	. 297						
		950	214						





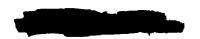
(d) M = 0.775 - Concluded

 $\alpha = 4.96^{\circ}; C_{L} = 0.731$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
FUS X/L • 734 • 763 • 778 • 810 • 812 • 841 • 857 • 873 • 888	CP201145086029 .025 .054 .085 .082 .102 .110	X/C CP 0.000 .605 .010662 .030 -1.221 .050 -1.215 .100 -1.286 .180 -1.379 .300 -1.478 .350 -1.409 .400 -1.149 .450867 .550667 .550657 .550531 .600417 .650310 .700229 .750186	X/C CP 0.000 .834 .003 .025 .010775 .020 -1.066 .025 -1.18C .030 -1.312 .050 -1.429 .100 -1.469 .120 -1.477 .180 -1.435 .250 -1.422 .300 -1.430 .350 -1.402 .400 -1.397 .450 -1.335	X/C CP 0.000 .874 .010554 .030 -1.412 .050 -1.506 .100 -1.468 .180 -1.433 .300 -1.411 .400 -1.380 .450 -1.327 .500848 .550682 .600521 .650346 .700224	X/C CP 0.000 .920 .010417 .030 -1.350 .050 -1.481 .100 -1.478 .180 -1.479 .300 -1.408 .350 -1.370 .400 -1.337 .450 -1.024 .500755 .550594 .600436 .650319 .700226	X/C CP 0.000 .860 .010417 .030 -1.302 .050 -1.467 .100 -1.460 .180 -1.316 .300 -1.145 .350 -1.144 .400 -1.100 .450797 .500378 .550349 .650349 .650329
		.850117 .950044	.500738 .550657 .600542 .650411 .700247 .800067 .900 .055 .950 .118	.750142 .850023 .950 .095		

X/C CP
.005 .848
.025 .312
.050 .081
.100052
.180143
.300196
.400233
.500266
.600225
.650139
.700027



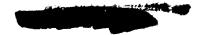


(e) M = 0.80

 $\alpha = -1.07^{\circ}$ ;  $C_L = -0.006$ 

		STATIO	-148	STATIO	.402	STATIO	N .595	STATE	N .775	DITATE	N .913
FUS	ELAGE					WING UPP	ER SURFACE	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	199	0.000	1.055	0.000	1.053	J. 000	1.030	0.000	1.001	0.000	.965
.747	173	-010	.167	.003	.660	-010	-166	.010	.286	.010	. 322
.763	079	.030	312	-010	-027	-030	679	-030	568	.030	524
.778	021	.050	418	- 020	271	-050	562	.050	541	•05J	540
.794	-023	. 100	515	. 025	382	- 100	538	.100	549	.100	427
.810	.038	-180	714	.030	~. 525	-180	486	.180	536	. 180	366
-625	-057	-300	465	-050	615	• 300	501	.300	447	.300	379
.841	.062	-350	392	-100	653	.350	426	.350	415	.350	335
.857	- 084	-400	377	-120	650	.400	447	.400	416	-400	358
.873	.092	.450	366	-180	532	-450	459	.450	428	<b>.45</b> 0	326
.888	- 100	- 500	380	- 250	507	.500	468	.500	443	<b>-500</b>	362
		.550	411	.300	504	-550	464	.550	452	-550	363
		-600	430	.350	429	-600	486	-600	426	.600	343
		.650	364	-400	434	-650	418	.650	370	•650	315
		- 700	306	.450	453	.700	317	.700	311	.700	299
		.750	265	.500	480	.750	253				
		-850	131	.550	495	-850	068				
		.950	-041	-600	475	-950	.118				
				.650	390						
				.700	322						
				.800	159						
				.900	.030						
				.950	.128						
				0.000	0.000		•				

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C
.005	-689	.005	-612	- 005	.520	.005	.334	-005
.025	.134	-025	299	•025	412	.025	361	•025
.050	113	.050	502	.050	698	.050	631	-050
.100	343	.100	046	-100	738	.100	789	- 100
-180	589	.120	677	-180	714	.180	757	.180
.300	721	.180	689	-400	726	.300	698	.300
-400	693	.250	717	.500	440	-400	441	•400
.500	7C3	.300	777	.600	365	-500	473	-500
-600	382	.400	690	- 650	183	-600	332	.600
.650	266	-500	611	.700	039	.650	169	.650
.700	151	.600	378	. 750	.081	.700	035	.700
. 750	025	.650	207	-800	.174	_		
.800	-054	.700	065	.900	.278			
.900	.198	.750	.067	- 950	.292			
-950	.225	.800	.147		<del>-</del>			
• •		.850	-191					
		.900	.264					
		.950	.289					





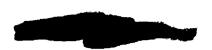
#### (e) M = 0.80 - Continued

 $_2 = -0.002^{\circ}; C_L = 0.132$ 

		STATIO	N -148	STATIO	N -402	STATIO	N .595	STATIO	.775	STATIO	.913
FUS	ELAGE					WING UPP	FR SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	203	0.000	.995	0.000	1.046	0.000	1.035	0.000	1.025	0.000	. 984
.747	175	-010	.occ	.003	.597	-010	-020	.010	. 1.76	.010	.171
.763	077	-030	472	.010	101	.030	846	.030	751	.030	734
.778	023	-050	592	.020	437	.050	857	.050	884	.050	857
.794	.023	-100	652	.025	~.557	.100	789	.100	788	.100	716
.810	. 047	- 180	817	. 030	707	.180	744	.180	777	.180	374
.825	. 064	. 300	842	.050	~. 803	.300	566	.300	530	.300	419
.841	. 068	. 350	551	.100	808	.350	439	.350	287	.350	~.388
-857	.091	-400	362	-120	800	-400	437	.400	441	-400	407
.873	- 100	-450	355	. 180	788	.450	456	.450	455	-450	373
.888	. 105	.500	368	. 250	773	-500	489	.500	466	•500	398
		.550	420	.300	749	-550	494	.550	474	•550	394
		.600	442	. 350	434	.600	505	-600	445	.600	367
		.650	376	.400	371	.650	434	.650	381	-650	335
		.700	312	.450	443	.700	323	.700	316	.700	315
		.750	271	. 500	489	.750	258				
		.850	136	.550	502	.850	071				
		.950	-043	.600	498	. 950	-116				
				.650	400						
				.700	329						
				.800	164						
				.900	.030						
				.950	.127						
				0.000	0.000						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.771	.005	. 704	.005	-642	-005	.506	.005	.429
-025	-247	.025	183	. 025	235	-025	211	-025	326
- 050	019	.050	373	-050	495	-050	462	.050	527
.100	249	.100	457	-100	542	-100	586	-100	537
. 180	490	.120	547	.180	552	-180	543	-180	459
. 300	636	-180	514	-400	534	-300	552	•300	430
-400	603	-250	563	-500	501	-400	480	-400	430
.500	563	. 300	641	-600	372	-500	473	•500	421
-600	408	-400	577	-650	185	-600	331	.600	298
-650	264	.500	561	-700	038	.650	164	-650	185
.700	150	-600	373	. 750	.086	.700	C32	.700	041
.750	017	.650	201	.800	-182				
-800	-102	.700	064	.900	.285				
-900	-212	.750	-076	. 950	. 302				
-950	.7.27	.800	.154			•			
		.850	.199						
		900	270						





(e) M = 0.80 - Continued

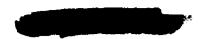
 $\alpha = .95^{\circ}; C_{L} = 0.265$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	i .	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	199	0.000 .942	0.000 1.033	0.000 1.029	0.000 1.028	0.000 .982
.747	173	.010143	.003 .494	.010062	.010 .047	.010 . <b>060</b>
.763	081	.030607	.010236	.030928	.030875	.030828
.778	025	.050707	.020513	.050 -1.040	<b>.</b> 050 <b>9</b> 93	.050 -1.011
.794	. 024	.100741	.025644	.100959	.100939	.100934
.810	. 042	.180914	.030805	.180900	.180949	.180773
.825	- 062	.300 -1.046	.050909	.300917	.300865	.300483
.841	- 069	.350962	.100945	.350870	.350815	.350382
.857	- 088	.400799	.120957	.400879	.400565	.400399
.873	. 096	-450390	.180905	.450632	.450269	.450365
.888	-106	.500367	.250916	.500318	.500341	.500404
		-550380	.300909	.550320	.550388	.550403
		.600397	.350868	.600408	.600399	-600377
		-650352	.400857	.650389	.6503u3	-650 <b>348</b>
		.700295	.450620	.700300	.700306	.700328
		.750255	.500345	.750248		
		.850124	.550352	.850067		
		.950 .048	.600387	.950 .117		
			.650364			
			.700311			
			.800156			
			.900 .034		•	
			.950 .131			
			0.000 0.000			

#### WING LOWER SURFACE

X/C	CP	x/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	.831	.005	. 768	.005	<b>- 705</b>	.005	.598	-005	.543
-025	.347	.025	050	.025	113	.025	041	. 025	166
.050	-067	.050	240	.050	370	.050	331	.050	399
.100	178	.100	420	.100	362	.100	439	-100	408
.180	424	.120	448	.190	465	-180	446	-180	414
.300	602	.180	448	-400	493	.300	497	.300	386
-400	515	. 250	477	.500	475	.400	461	.400	387
.500	534	.300	592	.600	367	•500	443	.500	391
.600	381	.400	541	-650	174	-600	323	-600	281
-650	255	.500	535	.700	032	-650	160	. 65 0	172
.700	140	.600	364	. 750	. 094	-700	027	.700	036
.750	009	-650	198	.800	.188				
.800	-108	. 700	057	. 900	-290				
-900	-210	.750	-077	.950	-306				
.950	-233	.800	. 163						
•		.850	.210						
		-900	.278						
		.950	.304						
		,,,,							





#### (e) M = 0.80 - Continued

 $\alpha = 1.98^{\circ}; C_{L} = 0.411$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
FUS X/L -731 -747 -763 -778 -810 -825 -841 -857 -873 -888	CP1 #5155066016 .032 .052 .068 .073 .090 .101	X/C CP 0.00U .846 .010262 .030769 .050803 .100865 .180 -1.029 .300 -1.159 .350 -1.109 .400 -1.044 .450962 .500493 .550399 .600357 .650305 .700265	X/C CP 0.000 1.003 .003 .384 .010326 .020663 .025762 .030948 .050 -1.027 .100 -1.079 .120 -1.084 .180 -1.046 .250 -1.063 .300 -1.045 .350 -1.032 .406 -1.004	X/C CP 0.000 1.004 .010206 .030 -1.044 .050 -1.132 .100 -1.084 .180 -1.053 .300 -1.035 .350 -1.014 .400 -1.032 .450 -1.022 .500 -1.013 .550598 .600317 .650239 .700194	X/C CP 0.000 1.023 -010050 -030985 -050 -1.115 -100 -1.082 -180 -1.108 -300 -1.061 -400 -1.039 -450 -1.024 -500596 -550266 -600242 -650248 -700240	X/C CP 0.000 .975 .010048 .030946 .050 -1.107 .100 -1.086 .180946 .300831 .350771 .400677 .450358 .500377 .550387 .600364 .650344 .700323
		-750224 -850107 -950 -047	.500 -1.013 .550562 .600314 .650258 .700230 .800123 .900 .046 .950 .130	.750171 .850035 .950 .126		

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
- 005	-894	-005	. 844	•005	.798	.005	.686	-005	-640
-025	. 425	.025	.098	.025	.087	.025	.087	-025	028
.050	-154	- 050	134	-050	177	.050	183	.050	240
-100	107	.100	269	.100	255	-100	287	-100	313
-180	336	.120	318	. 180	346	-180	332	-180	332
- 300	483	-180	321	-400	427	.300	394	-300	337
-400	455	- 250	380	-500	417	-400	408	-400	349
- 500	469	.300	478	.600	349	-500	399	•500	355
.600	359	-400	456	-650	163	-600	307	-600	267
-650	237	.500	475	.700	024	.650	147	-650	162
• 700	133	.600	339	. 750	-103	.700	016	.700	032
.750	-002	.650	188	.800	-202				
.800	-121	.700	043	.900	.303				
-900	.226	.750	.093	.950	.319				
.950	.237	.800	.176						
			1.7						





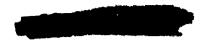
(e) M = 0.80 - Continued

 $\alpha = 2.98^{\circ}; C_{L} = 0.542$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731182 .747138 .763060 .778009 .794 .037 .810 .059 .825 .076 .841 .077 .857 .094 .873 .104 .888 .112	X/C CP 0.000 .815 .010357 .030873 .050913 .100943 .180 -1.122 .300 -1.262 .350 -1.209 .400 -1.154 .450 -1.086 .500850 .500850 .500397 .650300 .700232 .750194 .850086 .950 .034	X/C CP 0.000 .977 .003 .301 .010443 .020776 .025878 .030 -1.020 .050 -1.138 .100 -1.195 .120 -1.182 .180 -1.138 .250 -1.151 .300 -1.156 .350 -1.151 .400 -1.136 .450 -1.130 .500 -1.097 .550 -1.066 .600505 .650383 .700271 .800076 .900 .070	X/C CP 0.000 .989 .010292 .030 -1.116 .050 -1.227 .100 -1.188 .180 -1.165 .300 -1.144 .350 -1.125 .400 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .500 -1.127 .510 -1.026 .600518 .650386 .700297 .750187 .850005 .950 .133	X/C CP  0.000 1.011 .010137 .030 -1.072 .050 -1.202 .100 -1.178 .300 -1.160 .350 -1.161 .400 -1.158 .450 -1.143 .500 -1.115 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15 .500 -1.15	X/C

V 4 C		v 48							
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
- 005	.918	• 005	• <del>9</del> 01	.005	- 857	.005	.793	-005	.722
.025	•477	-025	- 204	-025	-194	.025	- 198	.025	
.050	-211	- 050	016						.086
				- 050	077	.050	048	-050	147
.100	027	-100	l65	.100	145	.100	200	-100	217
- 180	282	.120	200	. 180	261	-180	242	-180	274
.300	395	.180	254	.400	356				
-400	386					.300	337	- 300	298
		. 250	297	-500	373	.400	353	.400	315
<b>- 500</b>	423	.300	398	- 600	334	.500	366	-500	332
.600	338	-400	390	.650	157	.600	292	-600	258
-650	229	.500	431	.700	014				
. 700	119					-650	141	-650	157
		-600	329	- 750	-109	.700	015	.700	027
.750	-011	-650	179	. 800	. 203				
.800	-127	.700	042	-900	.305				
.900	.224	.750	.094						
				. 950	.313				
.950	-229	-800	-181						
		.850	. 226						
		-900	. 294						
		_							
		.950	.314						





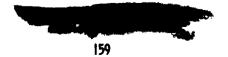
#### (e) M = 0.80 - Continued

 $\alpha = 3.96^{\circ}; C_{L} = 0.620$ 

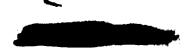
X/C CP 0.000 .944 .003 .201 .010551 .020836	X/C CP 0.000 .963 .010353 .030 -1.190 .050 -1.299	X/C CP 0.000 .999 .010218 .030 -1.135 .050 -1.260	X/C CP 0.000 .929 .010230 .030 -1.106
0.000 .944 .003 .201 .010551 .020836	0.000 .963 .010353 .030 -1.190 .050 -1.299	0.000 .999 .010218 .030 -1.135	0.000 .929 .010230 .030 -1.106
.030 -1.112 .050 -1.231 .100 -1.255 .120 -1.268 .180 -1.229 .250 -1.241 .300 -1.244 .350 -1.236 .400 -1.222 .450 -1.208 .500652 .550557 .600516 .650482 .700404 .800250 .900065	.100 -1.276 .180 -1.241 .300 -1.219 .350 -1.215 .400 -1.215 .450 -1.208 .500 -1.165 .550 -6.14 .600509 .650425 .700338 .750258 .850075 .950 .069	.100 -1.270 .180 -1.272 .300 -1.229 .350 -1.232 .400 -1.224 .450 -1.193 .500998 .550679 .600503 .650348 .700225	.050 -1.273 .100 -1.267 .180 -1.140 .300 -1.035 .350 -1.012 .400 -1.005 .450906 .500889 .550407 .600298 .650282 .700286
	.250 -1.241 .300 -1.244 .350 -1.236 .400 -1.222 .450 -1.208 .500652 .550557 .600516 .650482 .700404 .800250	.250 -1.241 .500 -1.165 .300 -1.244 .550614 .350 -1.236 .600509 .400 -1.222 .650425 .450 -1.208 .700338 .500652 ./50258 .550557 .850075 .600516 .950 .069 .650482 .700404 .800250 .900065 .950036	.250 -1.241

#### WING LOWER SURFACE

X/C	CP	x/C	CP	X/C	CP	X/C	CP	X/C	CP
- 005	.959	-005	.941	.005	. 895	.005	- 840	. 005	.768
.025	.539	.025	.310	-025	.273	.025	.283	.025	.191
-050	.277	-050	.088	.050	. 027	.050	.042	.050	041
- 100	.017	-100	057	- 100	072	-100	116	. 100	160
-180	205	- 120	126	-180	188	-180	187	. 180	224
-300	343	-180	173	-400	335	.300	301	.300	275
-40C	355	.250	232	. 500	364	.400	317	.400	306
-500	402	.300	347	-600	350	-500	354	.500	
.600	330	.400	338						325
				- 650	174	-600	288	-600	259
.650	226	-500	397	-700	035	-650	146	-650	162
.700	123	.600	340	- 750	. 084	.700	027	.700	035
. 750	.002	-650	183	-800	-180		****	•	•000
. 800	.125	-700	053	.900	. 278				
.900	.221	-750	.079	•950	.277				
-950	.216	.800	. 162		****				
		.850	.199						
		.900	. 259						



OF POOR OFFICER



(e) M = 0.80 - Concluded

 $\alpha = 4.96^{\circ}; C_{L} = 0.688$ 

	STATIUN .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
X/L	X/C CP 0.000 .667 .010583 .030 -1.090 .050 -1.090 .100 -1.162 .180 -1.269 .300 -1.394 .350 -1.369 .400 -1.184 .450900 .500759 .550476 .650476 .650364 .700279 .750224 .850121 .950043	X/C CP 0.000 .890 .003 .108 .010644 .020929 .025 -1.059 .030 -1.186 .050 -1.303 .100 -1.345 .180 -1.316 .250 -1.317 .300 -1.315 .350 -1.326 .400 -1.284 .450760 .500611 .550577 .600527 .650483 .700421 .800307 .900082 0.000 0.000	X/C CP 0.000 .914 .010444 .030 -1.267 .050 -1.357 .100 -1.345 .180 -1.329 .300 -1.306 .350 -1.298 .400 -1.266 .450 -1.245 .500833 .550628 .600523 .650440 .700329 .750267 .85011	X/C CP 0.000 .956 .010323 .030 -1.203 .050 -1.324 .100 -1.347 .180 -1.340 .300 -1.303 .350 -1.280 .400 -1.229 .450 -1.009 .500777 .550652 .600540 .650439 .700328	X/C

				************	ICA JUNI NO				
X/C	CP	X/C	CP	X/C	CP	x/c	CP	X/C	CP
-005	.982	.005	.973	. 005	.944	.005	.902		
• 025	-611	.025	-402	- 025	.361	.025		.005	. 82
. 050	-322	.050	-162				.389	.025	•25
-100				.050	-118	.050	-128	.050	-02
	-076	.100	025	-100	012	.100	050	-100	10
.180	162	.120	050	-180	136	.180	119	.180	18
- 300	300	.180	120	-400	300	.300	~.250		
.400	315	.250	187	• 500	355			-300	25
-500	383	.300				-400	295	-400	29
			296	-6C0	365	.500	344	-500	32
-600	333	-400	308	-650	183	-600	303	-600	26
-650	224	• 500	384	.700	056	.650	161	-650	
. 700	135	.600	34 3	. 750	.066	.700			16
.750	003	.650	204			• 700	048	•700	04
. 800				- 800	.164				
	-115	• 700	070	.900	. 255				
-900	.209	.750	-061	. 950	. 249				
. 950	-200	.800	-142	•					
		. 850	.180						
		000	. 100						



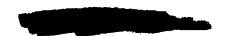


TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

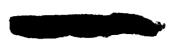
(f) M = 0.825

 $\alpha = -1.05^{\circ}; C_{L} = -0.015$ 

	STATION .148	STATEON .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	Ē	
X/L CP .731207 .747169 .763070 .778013 .794 .034 .810 .050 .825 .066 .841 .071 .857 .093 .873 .100 .888 .103	X/C CP 0.000 1.057 .010 .177 .030301 .050405 .180663 .300729 .350664 .400362 .450336 .500356 .550405 .600461 .650412 .700306 .750262 .850121 .950 .055	X/C CP 0-000 1.061 -003 .699 -010 .036 -020225 -025368 -030443 -050605 -100625 -120626 -180628 -250624 -300630 -350593 -400504 -450385 -500420 -550516 -600575 -650488 -700318 -800143 -900 -046 -950 -137	X/C CP 0.000 1.042 .010 .166 .030644 .050564 .100565 .180590 .300591 .350596 .400553 .450463 .500434 .550464 .700318 .750233 .850047 .950 .132	X/C CP 0.000 1.015 -010 .296 -030544 -050583 -100590 -180606 -300583 -350558 -400366 -450415 -500473 -550473 -600495 -600495 -650430 -700317	X/C

X/C .005 .025 .050 .100 .180 .300 .400 .500 .650 .750 .800 .900	CP .724 .179 066 291 550 703 684 811 663 263 141 028 .067 .194 .224	X/C -005 -025 -050 -100 -120 -180 -250 -300 -400 -500 -700 -750 -800 -850 -900	CP -652 285 434 611 626 684 695 747 841 284 195 133 047 059 114 198 241	X/C .005 .025 .050 .100 .180 .600 .650 .700 .750 .800 .900	CP .556 -335 -641 -697 -679 -785 -854 -274 -142 -034 .066 .122 .259 .278	X/C .005 .025 .050 .100 .180 .300 .400 .500 .650	CP .395 309 593 719 729 788 789 836 215 117 006	X/C •005 •025 •050 •100 •180 •400 •600 •650 •700	CP •318 •450 •674 •733 •638 •602 •460 •295 •178 •031
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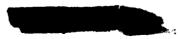


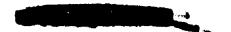
(f) M = 0.825 - Continued

 $\alpha = -0.06^{\circ}; C_{L} = 0.130$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731200 .747163 .763070 .778012 .794036 .810052 .825071 .841075	X/C CP 0.000 1.019 .010 .054 .030394 .050530 .100582 .180772 .300857 .350821	X/C CP 0.000 1.060 .003 .612 .010067 .020363 .025479 .030614 .050722 .100762	X/C CP 0.000 1.041 .010 .064 .030759 .050792 .100725 .180734 .300731 .350726	X/C CP 0.000 1.027 .010 .206 .030703 .050774 .100768 .180767 -300733	X/C CP 0.000 .976 .010 .183 .030663 .050824 .100715 .180618 .300565 .350492
.857 .094 .873 .103 .888 .107	.400720 .450573 .500370 .550398 .600419 .650372 .700301 .750256 .850118 .950 .056	.120767 .180734 .250753 .300745 .350720 .400746 .450755 .500721 .550418 .600386 .650337 .700287 .800136 .900 .052 .950 .140 0.000 0.000	.400712 .450716 .500724 .550653 .600390 .650289 .700251 .750208 .850043 .950 .135	.400749 .450712 .500435 .550375 .600404 .650361 .700302	-400392 -450364 -500412 -550409 -600348 -700328

				MING COM	ER SURPAC	E			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.777	-005	. 705	.005	-641	.005	.479	.005	.411
.025	-260	.025	14C	. 025	212	.025	180	.025	300
.050	007	.050	336	.050	515	-050	432	-050	566
-100	229	-100	496	-100	541	.100	594	.100	610
.180	485	-120	535	.180	564	.180	~.570	.180	555
.300	621	-180	568	-400	694	-300	65 8	.300	533
-400	623	. 250	571	.500	755	•400	674	.400	480
-500	732	- 300	684	.600	276	.500	629	.500	448
.600	457	-400	652	-650	140	-600	277	•600	294
-650	227	- 500	776	.700	007	.650	133	-650	174
.700	120	.600	330	.750	.(99	.700	008	.700	G29
.750	002	+650	159	.800	-186	••••		-700	627
.800	-101	.700	035	• 900	.289				
-900	.215	. 750	.076	.950	.310				
-950	-235	.800	.147	• • • • • • • • • • • • • • • • • • • •					
		.850	. 195						
		.900	.273						
		.950	.307						





(

# TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

(f) M = 0.825 - Continued

 $\alpha = 0.96^{\circ}; C_{L} = 0.283$ 

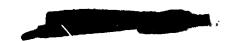
		STATIO	W .148	STATIO	N .402	STATE	N .595	SYATIO	N .775	STATIO	.913
FUS	ELAGE					WING UPP	ER SURFACE	E			
X/L	CP	X/C	CP	X/C	CP	x/C	CP	x/C	CP	X/C	CP.
.731	193	0.000	.947	9.000	1.039	0.000	1.037	0.000	1.035	0.000	.980
.747	153	.010	096	.003	. 525	.010	025	.010	.113	.010	.122
.763	063	-030	511	.010	163	.030	843	.030	804	.030	737
.778	011	-050	650	.020	460	.050	925	.050	921	.050	921
. 794	.037	-100	678	.025	593	.100	883	.100	878	-100	90 8
.810	.055	-180	859	.030	718	.180	861	.160	878	-180	789
.825	- 075	. 300	-1.011	. 050	847	.300	078	.300	072	.300	726
.841	- 080	.350	950	.100	882	.350	844	.350	859	.350	687
.857	.097	-400	890	1 20	894	•400	867	-400	884	.400	698
.873	-105	-450	813	.180	849	.450	850	.450	054	.450	574
.883	.111	- 500	760	.250	881	.500	076	-500	897	.500	525
		.550	632	. 300	86 8	.550	895	.550	891	-550	367
		-600	402	. 350	854	.600	918	.600	402	.600	346
		-650	325	.400	843	.650	35 9	.650	242	.650	320
		. 700	268	.450	863	- 700	209	.700	212	.700	307
		.750	231	.500	897	. 750	144			•	. 30 .
		- 850	102	.550	917	.850	~.007				
		.950	-056	-600	837	- 950	.142				
				.650	333						
				-700	225						
				.800	078						
				•900	- 067						
				.950	. 15 i						
				0.000	0.000						

#### WING LOWER SURFACE

X/C	CP	x/c	CP	X/C	CP	X/C	CP	X/C	CP
.005	.852	.005	.771	.005	.71//	-005	-603	-005	.529
.025	.363	.025	017	.025	086	.025	043	.025	206
.050	.068	-050	230	.050	357	.050	315	.050	445
.100	150	.100	395	.100	404	.100	456	.100	477
.180	405	-120	435	. 180	469	.180	480	.180	458
.300	564	-180	450	.400	593	.300	594	.300	448
.400	546	. 250	510	-500	631	.400	584	-400	427
.500	645	. 300	583	-600	335	.500	472	.500	447
.600	376	-400	591	.650	156	.600	310	.600	263
.650	234	- 500	686	.700	016	.650	145	.650	167
.700	125	.600	322	.750	.105	.700	010		
.750	-005	.650	155	.800	.197	• 7 00	010	.700	030
.800	.122	.700	032	.900	.302				
.900	.224	.750	.088	.950	.316				
.950	.245	.800	.167	• 130	. 310				
	•647	.850	.210						
		.900							
		- 700	- 284						



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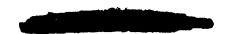


(f) M = 0.825 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.401$ 

		STATIUN .148	STATION .402	STATION .595	STATION 75	STATION .913
FUSELA	E			WING UPPER SURFACE		
X/L .7311 .7471 .7636 .7786 .794 .6 .810 .6 .825 .6 .857 .6	(P 192 146 363	X/C CP 0.000 .894 .010182 .030572 .050745 .100817 .100959 .300 -1.1C8 .350 -1.049 .400998 .450955 .500911 .550830 .600614 .650354 .700270 .750206 .850085	X/C	X/C CP 0.000 1.022 .010112 .030953 .050 -1.021 .100 -1.014 .180984 .300977 .350954 .400967 .450966 .500977 .550992 .600735 .650398 .700318 .750245	X/C CP 0.000 1.029 .010 .031 .030884 .050 -1.002 .100983 .180988 .300986 .350985 .400985 .500 -1.010 .550 -1.014 .600568 .650304 .700213	X/C CP 0.000 .969 .010 .033 .030838 .050 -1.023 .100 -1.013 .180888 .300841 .350821 .400818 .450729 .500757 .550744 .600390 .650278 .700259
		.430 .047	.600662 .650401 .700339 .800173 .900 .024 .950 .052	•950   •075		

X.'C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	-884	-005	-832	.005	-789	.005	.688		_
								. 005	.620
-025	-417	.025	-091	.025	.037	.025	.068	.025	078
-050	-153	.050	131	.050	179	.050	201	. 05 0	293
-100	087	.100	300	.100	289	.100	351	.100	355
- 180	327	-120	337	.180	369	.180	386	-160	385
-300	534	. 180	365	-400	513	.300	498	.300	393
-400	502	. 250	404	.500	581	.400	463	.400	426
.500	582	. 300	57C	.600	372	.500	488	500	430
- 600	388	-400	521	.650	178	.600	317	.600	291
.650	243	.500	611	.700	033				
-						.650	152	-650	177
.700	134	.600	348	.750	.083	. 700	023	.700	032
- 750	001	.650	182	.800	.185				****
.800	.115	. 700	044	-900	-280				
.900	.222	.750	.083	. 950	. 285				
-950	.235	.800	.161						
		. 650	- 205						
		.900	.275						
		.950	. 296						



(.

# TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

#### (f) M = 0.825 - Continued

 $\alpha = 2.94^{\circ}; C_{L} = 0.479$ 

		841. NCITATE	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	E	
X/L .731 .747 .763 .778 .794 .810	CP 187 137 058 010 -038 -061	X/C CP 0.000 .824 .010295 .036759 .050809 .100880 .180 -1.030 .300 -1.170	X/C CP 0.000 1.004 .003 .382 .010338 .020639 .025762 .030913	X/C CP 0.000 1.003 .010182 .030995 .050 -1.092 .100 -1.082 .180 -1.060	x/C CP 0.000 1.025 .010036 .030939 .050 -1.074 .100 -1.064 .180 -1.068	X/C CP 0.000 .962 .010053 .030916 .050 -1.086 .100 -1.085 .180990
.841 .857 .873	.082 .101 .115 .115	.350 -1.149 .400 -1.086 .450 -1.037 .500997 .550827 .600518 .650372 .700277 .750205 .850093	.050 -1.017 .100 -1.075 .120 -1.065 .180 -1.034 .250 -1.057 .300 -1.07C .350 -1.052 .400 -1.067 .450 -1.056 .500 -1.001 .550489 .600439	.300 -1.055 .350 -1.046 .400 -1.046 .450 -1.057 .500 -1.059 .550800 .600450 .650402 .700353 .750290 .850172	.300 -1.052 .350 -1.066 .400 -1.058 .450 -1.055 .500 -1.062 .550939 .600531 .650378	.300906 .350905 .400898 .450797 .500852 .550827 .600548 .650262
			.700371 .800275 .900157 .950069 0.000 0.000			

				En John A.	<i>,</i> L			
CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.930	-005	.887	.005	.842	-005	. 748	-005	.691
<b>.</b> 487	.025	-174	.025	-13-				.042
.196	- 050	047	-050	114		-		182
047	-100	207						283
285	- 120	232				-		335
463		285						354
450								400
516								409
394						- :		292
252								174
143								037
010						•••	•	•05.
.113	-							
		-						
	.950	. 244						
	.930 .487 .196 047 285 463 450 516 394 252 143	.930 .005 .487 .025 .196 .050047 .100285 .120463 .180450 .250516 .300394 .400252 .500143 .600010 .650 .113 .700 .212 .750 .221 .800	.930	CP X/C CP X/C .930 .005 .887 .005 .487 .025 .174 .025 .196 .050047 .050047 .100207 .100285 .120232 .180463 .180285 .400450 .250352 .500516 .300471 .600394 .400485 .650252 .500553 .700143 .600409 .7501143 .600409 .750010 .650206 .800 .113 .700066 .900 .212 .750 .061 .950 .221 .800 .142 .850 .136	CP X/C CP X/C CP	.930	CP	CP X/C CP X/C CP X/C CP X/C CP X/C CP X/C .930 .005 .887 .005 .842 .005 .748 .005 .487 .025 .174 .025 .120 .025 .149 .025 .196 .050047 .050114 .050115 .050047 .100207 .100208 .100259 .100285 .120232 .180310 .180303 .180463 .180285 .400455 .300435 .300450 .250352 .500501 .400452 .400516 .300471 .600446 .500491 .500394 .400485 .650193 .600340 .600252 .500553 .700057 .650160 .650143 .600409 .750 .065 .700035 .700035 .700010 .650206 .800 .160 .113 .700066 .900 .246 .212 .750 .061 .950 .245 .221 .800 .142 .850 .136 .900 .239





TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

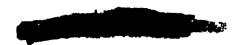
(f) M = 0.825 - Continued

 $\alpha = 3.98^{\circ}; C_{\underline{L}} = 0.555$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	•	
FUS X/L .731 .743 .778 .794 .810 .825 .841 .857 .873 .888	CP 190 156 079 032 048 076 079 113 118	X/C	X/C CP 0.000 .965 .003 .284 .010440 .020747 .025857 .030980 .050 -1.116 .100 -1.138 .120 -1.149 .180 -1.126 .250 -1.138 .300 -1.139 .350 -1.14C .400 -1.132 .450729 .500508 .550479 .600450 .650440 .700414	X/C CP 0.000 .972 .010272 .030 -1.072 .050 -1.159 .100 -1.151 .180 -1.133 .300 -1.132 .350 -1.118 .400 -1.121 .450 -1.120 .500891 .550844 .600478 .650427 .700386 .750357 .850223 .950089	X/C CP 0.000 1.010 .010138 .030 -1.018 .050 -1.142 .100 -1.155 .180 -1.153 .300 -1.138 .350 -1.133 .400 -1.135 .450 -1.120 .500 -1.016 .550702 .600541 .650449 .700350	X/C CP 0.000 .937 .010145 .030966 .050 -1.139 .100 -1.142 .180 -1.051 .300987 .350965 .400982 .450869 .500913 .550927 .600670 .650299 .700225
			.80034C .900254 .950197 0.000 0.000			

				W1110 COM	EN JUNEAU	-			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.954	.005	-931	.005	.891	.005	- 618	. 005	.753
.025	-536	.025	- 280	-025	-241	.025	. 250	-025	-141
.050	-286	-050	-051	.050	009	.050	001	-050	121
-100	-020	.100	117	-100	130	-100	166	.100	228
-180	233	.120	163	.180	242	.180	241	.180	292
.300	399	.180	232	-400	421	.300	391	.300	339
.400	414	.250	281	-500	491	.400	426	-400	389
.500	492	. 300	433	-600	482	-500	515	.500	418
.600	415	-400	446	-650	216	-600	374	.600	299
-650	267	- 500	522	.700	074	.650	188	-650	187
.700	150	. ,00	487	-750	.050	.700	059	.700	045
.750	014	.650	229	-800	.139				••••
.800	.103	. 700	093	- 900	.226				
.900	.205	.750	.036	. 950	.222				
. 950	-208	.800	.123						
		.850	.161						
		.900	-219						
		. 950	. 198						





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TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

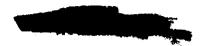
(f) M = 0.825 - Concluded

 $\alpha = 4.96^{\circ}; C_{L} = 0.630$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	E	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	235	0.000 .696	0.000 .925	0.000 .944	0.000 .988	0.000 .921
.747	190	-010468	.003 .200	.010339	.010208	.010203
. 763	108	.030982	-010541	.030 -1.132	-030 -1.080	.030052
.778	053	-050 -1-001	.020810	.050 -1.245	.050 -1.204	-050 -1-218
. 794	. 010	-100 - 1.052	.025933	-100 -1-247	.100 -1.213	-100 -1-234
.810	- 048	-180 -1-191	.030 -1.051	.180 -1-213	-180 -1-224	-180 -1-138
.825	-081	.300 -1.302	.050 -1.184	.300 -1.216	-300 -1-205	-300 -1-067
.841	- 084	.350 -1.285	-100 -1-226	-350 -1-189	-350 -1-181	-350 -1-034
.857	-103	-400 ~1-231	-120 -1-233	-400 -1.188	.400 -1.123	-400 -1-049
.873	- 115	.450980	-180 -1-214	.450 -1.140	.450 -1.032	·450945
.888	.116	-500762	.250 -1.210	.500840	.500746	.500997
		.550676	.300 -1.210	.550591	.550615	.550992
		-600588	.350 -1.199	.600509	.600521	.60064C
		.650481	.400 -1.139	-650464	.650470	.650347
		.700361	.450685	.700402	.700426	.700252
		.750278	.500557	.750351		2100 1232
		.850162	.550514	.850245		
		.950063	.600489	.950133		
			.650472	*****		
			.700447			
			.800370			
			.900268			
			.950208			
			0.000 0.000			

X/C	CP	X/C	CP	X/C	CP	x/C	CP	x/c	CP
.005	-991	-005	• 972	- 005	.931	.005	- 868	• 005	.799
.025	-595	-025	.368	.025	•322	.025	.343	-025	-213
.050	.322	-050	-140	-050	.070	. 050	-094	-050	013
- 100	.079	-100	055	-100	037	.100	094	- 100	144
.180	162	.120	081	- 180	159	-180	172		
							112	-180	223
- 300	327	.180	164	-400	~.364	.300	329	- 300	287
-400	36i	.250	226	-500	460	.400	383	-400	355
- 500	463	- 300	360	-600	496	.500	476	-500	410
-600	410	-400	384	.650	225	.600	408	-600	~.313
-650	269	-500	471	.700	093	.650	197	-650	200
.700	165	-600	477	750	-040	.700	074	-700	064
. 750	027	-650	242	.800	.128	• • • • •	••••	****	
. 800	-058	- 700	107	.900	. 214				
. 900	.187	-750	.033	.950	-206				
.950	-189	-800	. 109						
		-850	. 154						
		-900	.203						
		. 950	.179						





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TABLE 27.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

(g) M = 0.85

 $\alpha = -1.07^{\circ}$ ;  $C_{L} = 0.015$ 

		STATIO	N -148	STATIO	N .402	STATE	N .595	STATIO	N -775	STATE	.913
FUSE	LAGE					WING UPP	ER SURFACE	•			
.747 - .763 - .778 - .794 .810 .825	CP 465 180 077 006 037 062 083	X/C 0.000 .010 .030 .050 .100 .180	CP 1.079 .186 245 376 444 654 715	X/C 0.000 .003 .010 .020 .025 .030	CP 1-071 -706 -088 204 320 433 564	X/C 0.000 .010 .030 .050 .100 .180	CP 1.054 .199 597 554 557 581 601	X/C 0.000 .010 .030 .050 .100 .180	CP 1.020 .312 528 614 537 609	X/C 0.000 .010 .030 .050 .100 .180	CP .974 .309 517 675 555 510
.841 .857 .873 .888	.085 .103 .105 .114	.350 .400 .450 .500 .550 .600 .650 .700 .750 .850	715 626 608 537 431 477 548 359 289 127 049	.100 .120 .180 .250 .300 .350 .400 .450 .500 .650	594 626 599 630 621 632 650 683 707 745 2632	.350 .400 .450 .500 .550 .600 .650 .700 .750 .85:	596 608 642 663 704 748 815 473 21 037	-350 -400 -456 -500 -550 -600 -650 -700	636 647 639 648 672 692 692 338	.350 .400 .450 .500 .550 .650 .650	528 559 482 505 516 474 402 312
				.700 .800 .900 .950	370 134 .018 .085 0.000						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-005	<b>.</b> 750	-005	-645	.005	-586	.005	-402	-005	.346
•025	-225	-025	219	.025	290	.025	250	.025	399
.050	039	-050	408	-050	589	.050	518	.050	616
.100	256	-100	552	.100	651	.100	668	.100	724
.180	500	. 120	593	-180	627				
						.180	712	.180	705
.300	658	- 180	628	-400	759	. 300	763	- 300	685
-400	659	- 250	669	•500	850	-400	796	-400	688
-500	778	- 300	727	.600	237	.500			
							873	- 500	751
-600	637	-400	727	•650	188	-600	237	-600	224
-650	291	•500	815	.700	152	.650	173	.650	133
.700	229	-600	233	.750	114				
				_		.700	107	.700	014
.750	181	<b>.650</b>	212	-800	063				
-800	138	<b>.</b> 700	189	- 900	-074				
-900	•023	.750	150	- 950	-122				
.950	.138	. 800	123	• ,,,	• • • •				
	* 1.30	• 800	123						



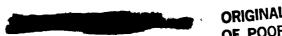


#### (g) M = 0.85 - Continued

 $\alpha = -0.06^{\circ}$ ;  $C_{L} = 0.121$ 

		STATIO	N .148	DITATE	N .402	STATIO	N .595	STATIO	N .775	STATE	.913
FUS	ELAGE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	220	C. 000	1.034	0.000	1.068	0.000	1.056	0.000	1.030	0.000	.982
.747	149	.010	.075	.003	.632	.010	-110	-010	.232	.010	.241
. 763	053	.030	376	.010	014	.030	692	•030	631	•030	595
.778	-000	-050	469	.020	301	. 050	740	•050	734	-050	750
.794	- 046	-100	541	.025	418	-100	699	.100	704	.100	732
.810	- 068	.180	731	.030	565	.180	697	-180	734	-180	642
. 825	- 084	. 300	846	-050	684	.300	725	.300	723	.300	629
.841	.088	-350	834	-100	710	-350	708	.350	730	.350	633
.857	- 102	-400	758	.120	718	•400	723	-400	732	-400	644
.873	.111	.450	685	. 180	714	•450	711	.450	747	.450	548
.888	.113	- 500	669	.250	720	.500	755	.500	772	.500	619
		.550	650	- 300	737	.550	793	.550	813	.550	634
		.600	619	- 350	708	•600	832	•600	789	.600	515
		-650	479		738	.650	842	-650	661	-650	319
		. 700	289	-450	749	.700	320		232	.700	277
		.750	228	- 500	788	.75C	204	•	-1232	.,,,	-0211
		-850	092	-550	827	.850	038				
		-950	-069	.600	861	.950	.125				
				-650	829		,				
				. 700	307						
				-800	107						
				.900	- 065						
				-950	-133						
				0.000	0.000						

X/C	CP	X/C	CP	v 46	60	V 46	45		
				X/C	CP	X/C	CP	X/C	CP
-005	.804	•005	-710	-005	-646	.005	.476	.005	-439
-025	.300	.025	117	- 025	184	.025	148	.025	304
.050	.033	-050	307	-050	483	•050	411	-050	548
.100	199	-100	468	.100	510	-100	577	.100	645
.180	444	-120	506	-180	538	.180	594	- 180	581
.300	604	.180	546	-400	690	. 300	670	.300	575
-400	605	- 250	558	-500	785	-400	688	-400	599
-500	736	-300	657	-600	296	-500	805	.500	694
-600	853	.400	668	.650	191	.600	268	.600	238
-650	293	.500	764	.700	128		179		
						.650	114	-650	136
.700	192	-600	257	.750	070	.700	095	-700	013
-750	104	-650	~. 195	.860	013				
-800	028	.700	166	.900	-145				
-900	-148	.750	130	-950	.182				
-950	-221	.800	084						
		.850	044						
		.900	.061						
		.950	-143						



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### TABLE IX.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 2 - Continued

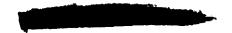
(g) M = 0.85 - Continued

 $\alpha = 0.97^{\circ}; C_{L} = 0.215$ 

		OLTATE	N .148	STATIO	N .402	STATIO	N .595	STATIO	N .775	STATIO	N .913
FUS	ELA GE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	196	0.000	.981	0.000	1.056	0.000	1.046	0.000	1.042	0.000	.981
.747	132	-010	.011	.003	.561	.010	.026	.010	.153	.010	.185
.763	049	.030	517	.010	106	.030	777	.030	717	.030	680
.778	. 004	-050	573	.020	375	.050	847	.050	834	.050	845
. 794	. 049	.100	614	.025	511	.100	804	.100	816	.100	825
.810	. 069	.180	812	. 030	676	.180	790	.180	826	-180	741
-845	. 086	.300	452	.050	763	.300	820	.300	830	.300	721
.841	. 085	.350	896	.100	808	.350	794	.350	825	.350	706
.857	-102	.400	860	.120	823	.400	818	.400	833	•400	749
.873	. 114	-450	823	.180	801	.450	825	.450	825	.450	653
.888	.116	.500	777	.250	826	.500	83l	.500	858	.500	690
		.550	735	. 300	831	.550	873	.550	881	.550	722
		.600	735	. 350	814	.600	877	-600	874	-600	672
		-650	469	-400	808	.650	327	.650	357	-650	295
		.700	264	.450	830	-700	267	.700	230	.700	226
		. 750	203	.500	857	.750	220				
		-850	078	.550	897	-850	095				
		.950	.070	-600	66l	<b>.95</b> 0	.040				
				•650	340						
				.700	284						
				.800	175						
				.900	027						
				.950	.060						
				0.000	0.000						

X/C	CP	X/C	C?	X/C	CP	X/C	CP	X/C	CP
-005	.657	- 005	. 780	• 005	.723	.005	.598	.005	.505
.025	.346	.025	002	-025	069	.025	036	.025	233
- 050	-116	. 050	221	.050	340	.050	323	.050	449
-100	138	.100	402	.100	405	-100	486	.100	516
-180	390	- 120	431	.180	458	-180	469	-180	495
- 300	545	.180	427	.400	620	.300	598	.300	543
. 400	550	. 250	503	.500	712	.400	623	-400	578
.500	690	.300	615	.600	589	.500	756	.500	659
-600	794	-400	597	-650	242	.600	392	.600	264
-650	423	.500	727	.700	147	.650	190	.650	147
.700	174	- 600	492	.750	077	.700	094	.700	017
.750	065	.650	225	.800	010				
.800	-030	.700	168	.900	.187				
.900	-200	.750	116	-950	.206				
.950	.232	.800	079						
		.850	038						
		.900	-092						
		.950	. 170						





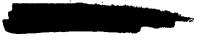
(g) M = 0.85 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.301$ 

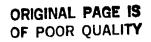
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
/L CP 31191 47129 63047 78 .004 .94 .052 .10 .072 .25 .048 41 .091 .57 .109 .73 .115 88 .122	X/C CP 0.000 .966 .010118 .030595 .050644 .100713 .180876 .300 -1.028 .350991 .400942 .450902 .500869 .550810 .600746 .650406 .700274 .750204 .850083 .950 .054	X/C CP 0.000 1.046 .003 .512 .019161 .020475 .025569 .030723 .050833 .100904 .120907 .180889 .250923 .300922 .350908 .400906 .450904 .500908 .550690 .600349 .650331 .700302 .800233 .900125 .950072 0.000 0.000	X/C CP 0.000 1.047 .010032 .030838 .050935 .100900 .180882 .300906 .350882 .400903 .450902 .500923 .550934 .600458 .650323 .700287 .750242 .850159 .950074	X/C CP 0.000 1.040 .010 .109 .030782 .050898 .100886 .180897 .300897 .350913 .400925 .450929 .500955 .550971 .600495 .650338 .700291	X/C CP 0.000 .987 .010 .113 .030745 .050914 .100922 .180827 .300800 .400816 .450718 .500775 .550780 .600772 .650349 .700220
,					

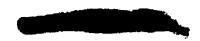
#### WING LOWER SURFACE

X/C -005 -025 -050 -100	CP -892 -437 -167 081 378	X/C •005 •025 •050 •100	CP .839 .076 146 300	X/C •005 •025 •050 •100	CP .795 .020 228 295 397	X/C •005 •025 •050 •100	CP -669 -043 223 381	X/C •005 •025 •050 •100	CP •582 ••115 ••346 ••422 ••429
.300 .400 .500 .600 .650 .700	495 508 627 753 430 151	-180 -250 -300 -400 -500 -600	373 449 517 561 639 823	.400 .500 .600 .650 .700 .750	561 643 843 266 132 031	.300 .400 .500 .600 .650	549 570 682 709 200	.300 .400 .500 .600 .650	493 491 590 299 156 025
-800 -900 -950	.074 .206 .225	.700 .750 .800 .850	160 083 -020 -031	•900 •950	.057 .201 .207				



ORIGINAL PAGE IS OF POOR QUALITY



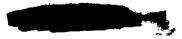


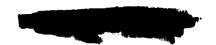
(g) M = 0.85 - Continued

 $\alpha = 2.97^{\circ}$ ;  $C_{L} = 0.390$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L -731 -747 -763 -778 -794 -810 -825 -841 -857 -873	CP 203 161 060 010 044 066 086 108 113 121	X/C CP 0.000 .880 .010198 .030710 .050739 .100791 .180948 .300 -1.115 .350 -1.086 .400 -1.036 .450990 .500967 .550967 .550964 .600665 .650439 .700338 .750243 .850112	X/C CP 0.000 1.029 .003 .433 .010263 .020553 .025661 .030810 .050938 .100981 .120982 .180977 .250 -1.002 .300 -1.009 .350 -1.003 .400998 .450 -1.0C0 .500688 .550421 .600388 .650384 .700358 .800303 .900230	X/C CP 0.0G0 1.025 .010104 .030908 .050 -1.015 .100994 .180994 .300989 .350986 .400978 .450982 .500985 .550667 .600403 .650366 .700337 .750314 .850218	X/C CP 0.000 1.041 .010 .027 .030844 .050974 .100966 .180978 .300985 .350987 .400 -1.004 .450 -1.014 .500 -1.013 .550933 .600539 .650426 .700347	X/C CP 0.000 .979 .010 .028 .030816 .050990 .100 -1.010 .180930 .300877 .350874 .400886 .450797 .500847 .550860 .600863 .650541 .700274
•			0.000 0.000			

						_			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
•005	.933	- 005	.889	-005	.826	.005	.737	.005	-662
.025	-483	-025	-173	- 025	-118	. 025	.138	.025	007
.050	.225	.050	042	.050	129	.050	122	.050	228
-100	034	.100	216	-100	204	.100	283	.100	327
180	279	-120	265	-160	317	.180	337	.180	370
.300	483	-180	313	-400	475	.300	471	.300	405
.400	464	- 250	353	.500	607	.400	516	•+00	456
-500	573	- 300	521	-600	818	.500	610	.500	574
-600	723	- 400	478	-650	326	.600	781	-600	354
.650	432	.500	610	.700	134	-650	238	-650	171
.700	155	-600	802	.750	048	.700	078	.700	036
.750	036	.650	340	.800	.046			•	- 8030
.800	-061	.700	155	•900	.170				
-900	.188	.750	059	.950	.179				
.950	-210	.800	. 024	• • • • •	• • • •				
		-850	.075						
		.900	.170						
		•950	- <del>-</del> · · -						
		4770	. 162						





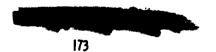
17

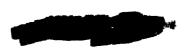
(g) M = 0.85 - Continued

 $\alpha = 3.97^{\circ}; C_{L} = 0.473$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
/L CP 31230 47160 63084 78035 94 .024 10 .055 25 .082 41 .083 57 .103 73 .115 88 .123	X/C CP 0.000 .807 .010296 .030827 .050823 .100891 .180 -1.03P .300 -1.167 .350 -1.149 .400 -1.027 .450 -1.080 .500 -1.038 .550912 .600562 .650451 .700360 .750263 .850132 .950023	X/C CP 0.000 .985 .003 .353 .010358 .020650 .025762 .030895 .050 -1.016 .100 -1.066 .120 -1.051 .300 -1.069 .350 -1.069 .350 -1.068 .400 -1.060 .550617 .500420 .600420 .650397 .700393 .800357 .900290 .950249 0.000 0.000	X/C CP 0.000 1.004 .010196 .030980 .050 -1.085 .100 -1.058 .300 -1.052 .350 -1.048 .400 -1.051 .450 -1.059 .500890 .550483 .60C433 .650429 .700402 .750370 .850278 .950183	X/C CP 0.000 1.018 .010056 .030919 .050 -1.054 .100 -1.055 .300 -1.060 .350 -1.065 .400 -1.051 .450 -1.042 .500972 .550736 .600533 .650451 .700379	X/C CP 0.000 .963 .010045 .030881 .050 -1.042 .100 -1.072 .180995 .300931 .400946 .450858 .500902 .550917 .600911 .650528 .700317

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
- 005	.972	.005	- 926	-005	. 884	-005	. 600		
-025	.549	.025	. 257	. 025	.241			.005	.727
-050	-291	.050	.044			•025	-236	-025	.094
				•050	016	-050	022	• 05 0	133
-100	-032	- 100	133	.100	117	-100	194	-100	257
180	222	-120	165	-180	253	-180	261	-180	319
•300	427	.180	233	-400	454	.300	435		
~400	426	-250	293	-500	570			• 300	377
-500	542	. 300			-	-400	452	.400	440
			466	.600	783	-500	585	<b>-500</b>	570
-600	683	- 400	462	-650	524	-600	787	.600	560
-650	548	- 500	583	.700	169	-650	380	-650	
- 700	173	-600	783	.750	059	.700			197
.750	047	-650	557	-800		• 700	130	.700	050
.800	.073				.044				
		- 700	180	-900	.183				
<del>. 9</del> 00	-182	.750	077	. 950	.175				
• 950	-194	-800	.017						
		-850	. 06 8						
		.900	-154						
		.950	-166						



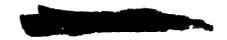


(g) M = 0.85 - Concluded

 $\alpha = 4.96^{\circ}; C_{L} = 0.583$ 

	STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPDER SURFACE		
X/L CP .731265 .747203 .763111 .778057 .794 .010 .810 .045 .825 .079 .841 .084 .857 .106 .873 .117 .888 .130	X/C CP 0.000 .757 .010403 .030934 .050894 .100979 .180 -1.097 .300 -1.228 .350 -1.224 .400 -1.186 .450 -1.154 .500 -1.020 .550700 .600619 .650517 .700440 .750315 .850190 .950079	X/C CP 0-000 -959 .003 .258 .010434 .020728 .025834 .030969 .050 -1.091 .100 -1.138 .120 -1.131 .180 -1.118 .250 -1.132 .300 -1.139 .350 -1.134 .400 -1.013 .450698 .500527 .550467 .600458 .650449 .700416 .800380 .900345 .950289 0.000 0.000	X/C CP 0.000 .978 .010253 .030 -1.032 .050 -1.133 .100 -1.128 .180 -1.122 .300 -1.128 .350 -1.114 .400 -1.105 .450 -1.054 .550612 .600527 .650472 .700426 .750373 .850289 .950190	X/C CP 0.000 1.014 .010127 .030982 .050 -1.102 .100 -1.117 .180 -1.120 .300 -1.102 .350 -1.103 .400 -1.046 .450929 .500767 .550616 .600512 .650472 .700440	X/C CP 0.000 .940 .010120 .030942 .050 -1.112 .100 -1.128 .180 -1.052 .300 -1.010 .350982 .400999 .500960 .550968 .600959 .650502 .700353

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.005	.997	• 005	-967	- 005	.921	.005	.855	4005	.785
.025	-604	- 025	- 360	- 025	.305	.025	.303	.025	.183
- 050	.344	.050	. 122	.050	.054	.050	•062	-050	053
-100	.074	- 100	060	. 100	049	.100	112	.100	176
- 180	175								
		.120	102	.180	187	-180	202	.180	264
- 300	361	.180	163	. 400	401	.300	362	.306	342
•400	382	.250	239	.500	531	-400	416	.400	416
-500	503	- 300	387	.600	753	-500	553	-500	548
-600	647	.400	421	.650	574				
						-600	753	-600	567
-650	468	-500	534	.700	147	-650	418	-650	202
.700	183	.600	731	.750	019	.700	108	.700	069
-750	049	-650	585	.800	.077		••••	•100	009
-800	.070	•700			- •				
			160	•900	.178				
.900	-163	.750	033	. 950	-174				
•950	.167	-800	.057	•					
		.850							
		+070	.106						



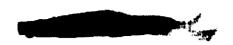
# TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123

(a) M = 0.25

 $\alpha = -1.72^{\circ}; C_{L} = -0.104$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	•	
K/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
731	208	.223222	0.000 .903	0.000 .874	0.300 .828	0.000 .822
747	257	.346249	.003 .626	.010 .062	.010 .215	.010 .294
763	312	.448245	.010017	.030164	.030138	.030052
778	304	.487235	.020206	.050211	.050155	.050171
		.527228	.025254	.100210	.100159	.100168
		.566204	.030258	.180240	.180205	.180168
		.605157	.050281	.300239	.300231	.300164
		.669145	.100265	.350242	.350231	.350181
		.684123	.120251	•400 248	.400234	.400185
		.724118	.180235	.450258	.450240	.450195
		.763063	-250240	.500253	.530240	.500200
		.803056	.300251	.550253	.550240	-550208
		.882160	-350250	.600 247	.600242	.600207
		.961142	.400249	.650238	.650243	.650201
			.450251	.700227	.730218	.700203
			.500254	.750196	.990 .087	•750 -•230
			.550251	.850096	.,,,	.850099
			.600255	.950 .031		
			.650229	.,,,		
			.700213			.990 .073
			.800151			
			.900044			
			.950 .326			
			.990 .101			
			*****			

						-			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	252	.005	.130	.005	.020	.005	114	.005	142
.222	271	.025	730	.025	676	.025	650	.025	551
.338	286	.050	565	.050	615	.050	571	- 050	625
. 448	305	.100	573	.100	502	.100	484	.100	417
.527	319	-120	520	. 180	432	.180	435	.180	300
.605	278	.180	445	•400	358	.300	352	. 300	294
.684	267	. 250	419	-500	322	•400	332	-400	288
. 724	218	.300	381	.600	280	.500	320		
.763	148	.400	373	.650	189	.600		.500	259
.803	052	.500	369	.700	094		249	.600	199
. 842	.038					.650	146	- 650	131
		•600	294	. 750	.011	.730	064	.700	062
•92l	<b>.</b> 1 06	.650	198	.800	-100	.750	.042	.750	. 055
.961	.131	.700	116	.900	-189	.800	.121	. 830	.146
		.750	003	. 9 50	.213		• • • • •		.140
		.800	.073						
		.900	-185						
		.950	. 200						



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TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

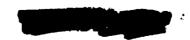
(a) M = 0.25 - Continued

 $\alpha = -0.94^{\circ}$ ;  $C_{L} = -0.028$ 

	STATION .148	STATION .402	STATION .595	STATION . 775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731194	X/C CP	X/C CP	X/C CP	X/G CP	X/C CP
.747266	-223258	0.000 .924	0.000 ,913	0.000 .894	0.000 .872
.763313	•346 -•275 •448 -•270	•003 •509	.010134	.010 .019	.010 .211
.778307	•448 -•270 •487 -•252	.010211	.030304	-030246	.030219
	.527241	-020+36	.050305	.050272	.050284
	.566214	.025444 .030404	.103276	-100238	-100198
	.605171	·	.180291	.180246	-180182
	.669141		.300285	.300268	•300 <b>~•</b> 194
	.684125		.350282	.350269	-350206
	.724110	.120330 .180293	.403281	.430266	·40021Z
	.763067	.250291	.450276	•450 - • 266	.450212
	.803044	-300290	.500279	-500268	•500 <b></b> 212
	.882150	.350283	.550274	.550268	.550222
	.961139	•400272	•60)274	.600271	-600224
		.450274	.650263	.650257	.650212
		•500 <b>-•270</b>	•700 -•240 •750 -•211	.700237	.700209
		·550275	.750211 .850101	.990 .089	.750222
		.600262	.950 .028		.850100
		.650232	.730 .026		.950 .018
		.700228			.990 .080
		.800 7			
		.9009			
		•950 •031			
		.990 .104			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	W.16
	-148218	.005 .323	.005 .243	·	X/C CP
	.222247	.025588	.025491	.005 .181 .025465	180. 200.
	.338 267	.050457	.050485	.050463	.075464
	.448288	.100488	.100430	.100423	-050535
	527308	.120439	.183373	.180366	.100332 .180246
	.605282	-160401	.400331	.300316	·
	<b>.</b> 684 - <b>.</b> 263	-250365	.500306	.400307	
	.724215	- 300 362	-600 366	500 - 370	.400268

. 5	• 005	•323	•005	.243	- 005	. 181	- 005	180.	
7	•025	588	.025	491		465		464	
7	.050	457		485		463			
8		488		430				535	
8		~.439				423		332	
Z				373		366	.180	246	
		401		331	.300	316	.300	268	
3		365	•500	306	-400	307	-400	268	
5	• 30 0	362	-600	264	-500	278	_	247	
3	-400	141	. 460	- 179	400				

.684 .724 .763 .803 .842 -.215 -.153 .650 .700 .750 -.177 -.078 .600 -.229 .650 -.136 .400 -.341 .500 -.333 .600 -.281 -. 189 .600 -.058 .650 .700 .750 -.125 -.046 -058 -.136 .035 .014 .700 -.051 .650 -.198 .048 .100 .750 . 700 . 961 -.117 .900 . 204 . 800 . 148 . 750 -.015 .950 .215 .800 .900 .950 .075



.175 .20t



TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(a) M = 0.25 - Continued

 $\alpha = 0.11^{\circ}; C_{L} = 0.068$ 

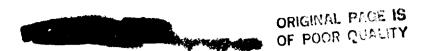
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP 731195 747271 763313 773307	X/C CP .223330 .346315 .448303 .487287 .527265 .566233 .605184 .669152 .684136 .724126 .763074 .803060 .882165 .961143	X/C CP 0.300 .916 .003 .223 .010576 .020710 .025677 .030697 .05352 .100468 .120437 .180355 .250351 .300344 .350325 .400312 .450310 .500303 .600294 .650263 .700234 .800171 .900046 .950 .026 .990 .100	X/C CP 0.000 .922 .010447 .030501 .050461 .100409 .180382 .300339 .350324 .400326 .450318 .500302 .550301 .600289 .650282 .700261 .750221 .850123	X/C CP 0.000 .923 .010290 .030426 .050419 .100345 .180333 .300334 .350330 .400308 .450303 .500289 .550292 .600288 .650280 .700255 .990 .088	X/C

#### WING LOWER SURFACE

X/C •148 •222 •338 •448 •527 •605 •684 •724 •763 •842 •921 •961	CP161198239277279258269196132047 .035 .122 .133	X/C .005 .025 .050 .100 .120 .183 .250 .303 .400 .500 .700 .750 .800 .900	CP •537 312 303 364 356 318 322 308 316 295 265 184 091 076 173 210	X/C •005 •025 •050 •100 •180 •500 •650 •750 •750 •800 •900 •950	CP -484 -348 -314 -328 -289 -283 -251 -158 -066 -025 -111 -199 -218	X/C .005 .025 .050 .100 .180 .300 .400 .500 .600 .750 .750	CP •419 -226 -314 -308 -306 -268 -254 -212 -122 -045 -062 -132	X/C .005 .025 .050 .100 .180 .300 .400 .500 .650 .700 .750	CP .302 212 409 290 208 220 246 180 109 045 .065
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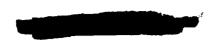
(a)  $M = G.25 \sim Continued$ 

 $\alpha = 1.10^{\circ}; C_{L} = 0.166$ 

	STATION -148	STATION .+02	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP •731187 •747279 •763304 •778305	X/C CP • 223	X/C CP 0.000 .848 .003379 .010 -1.006 .020 -1.030 .025956 .030918 .050758 .100553	X/C CP 0.000 .876 .010823 .030732 .050652 .100514 .180455 .300393 .350373 .400363	7/C CP 0.000 .921 .010544 .030641 .050538 .100433 .180404 .300376 .350357 .400348	X/C CP 0.000 .904 .010 ~.353 .030577 .050519 .100363 .160310 .300298 .350283 .400275
	.724126 .763071 .803055 .882162 .961130	.180433 .250407 .300393 .350372 .400348 .450340 .500340 .550322 .600309 .650271 .700261 .800174 .900044 .950 .035 .990 .106	.450353 .500344 .550336 .600323 .650307 .700276 .750245 .850127 .950 .018	.450335 .500319 .550330 .600312 .650301 .700275 .990 .082	.450270 .500271 .550272 .600266 .650253 .700244 .750250 .850126 .950 .007

X/C	CP	X/C	C.P.	x/C	CP	x/c	CP	x/C	CP
.148	113	- 005	. 725	.005	.676	.005	.651	.005	. 461
. 222	152	.025	123	.025	015	.025	071	.025	016
.338	221	.050	142	.050	152	.050	154	.050	244
.448	240	. 100	280	-100	202	.100	209	-100	177
.527	253	. 120	254	-180	215	-160	227	-180	136
• 605	247	.180	267	.400	254	.300	223	.300	183
.684	247	.250	252	.500	248	.400	227	.400	206
.724	176	- 300	2 74	.600	219	.500	224	.500	205
.763	132	. 400	278	.650	135	-600	189	-600	153
. 803	054	.500	273	. 700	052	.650	105	-650	090
.842	.039	.600	255	.750	.036	.700	029	-700	035
.921	• 126	. 650	174	.800	. 125	. 750	. 06 9	- 750	-075
.961	.126	. 700	088	-900	.214	.600	-141	.860	-171
		. 750	.009	.950	.231				
		.800	.092						
		• 900	-186						
		• 950	.204						



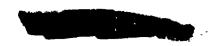


(a) M = 0.25 - Continued

 $\alpha = 2.07^{\circ}; C_{L} = 0.254$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
I/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
31185	.223418	0.000 .592	0.000 .796	0.030 .872	0.000 .880
47270	.346396	.003435	.010 -1.070	.010843	.0105 <b>0</b> 0
63311	.448372	.010 -1.354	.030981	.030832	.030747
78305	.487331	.020 -1.339	.050771	.050656	.050648
	.527307	.025 -1.278	.100592	•1 <b>0</b> 0 -•532	-100439
	.566267	.030 -1.096	.180521	-180470	.180363
	.605209	.050856	.300421	-300409	.300326
	.669165	.100667	-350411	.350392	.350316
	.684155	.120618	.400397	.400372	<b>.</b> 400307
	.724119	.180498	.450386	.450356	.450297
	.763083	-250458	.500368	.500345	-500298
	.803062	.300430	.550352	.550338	.550291
	.882152	.350400	.600342	.600323	-600289
	.961120	.400386	.650306	.650309	<b>.</b> 650264
	•	.450373	.700285	.700276	.700261
		.500359	.750246	.990 .083	.750261
		.550353	.950122		.850128
		.600336	.950 .031		.950 .009
		.650301			.990 .076
		.700270			
		.800177			
		.900047			
		.950 .024			
		.990 .098			

X/C	C P	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	067	.005	.837	,005	.5i0	.005	.785	.005	.668
.222	118	. 02 5	.073	.025	.111	. 02 5	-098	. 925	.073
.338	179	.050	030	.050	008	.050	036	.050	121
.448	213	.100	177	.100	115	.100	117	.100	111
. 527	226	.120	172	.180	160	.180	169	.180	~.090
.605	225	.180	204	.400	217	.330	174	.300	158
.684	229	. 250	210	.500	214	.400	2 '2	. 400	185
.724	169	- 300	231	.600	198	.500	203	.500	178
. 763	115	-400	237	.650	125	.600	173	.600	138
.803	040	.500	256	.700	030	.650	094	.650	084
.842	.054	-600	727	.750	.049	.700	020	. 700	022
. 921	-132	.650	148	.800	. 134	.750	.073	.750	.084
.961	.140	.700	074	.900	.216	.800	.148	.800	.176
-		.750	.029	.950	.233				
		.800	102						



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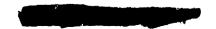
TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(a) M = 0.25 - Continued

 $\alpha = 3.13^{\circ}, C_{L} = 0.355$ 

		STATION	- 148	CT TAT 2	N .402	CITATE	N .595	STATIO	N .775	STATEO	.913
FUS	EL AGE					WING UPP	ER SURFACI	E			
X/L	CP	X/C	CP	X/C	SP	X/C	CP	x/C	CP	X/C	CP
. 731	187		492	0.000	- 504	0.000	.642	0.000	.786	0.000	. 797
. 747	277	.346	- •445	• 90 3	931	-010	-1.494	.010	-1.319	- 01 0	904
.763	.314	.448	407	-010	-1.753	.030	-l.168	.030	-1.073	•030	906
.778	303	.487	365	-020	-1.754	.050	845	.050	839	-050	75l
		•527	335	.025	-1.602	-100	739	.100	666	- 10C	532
		.566	287	.030	-1.440	.180	610	.180	554	-180	432
		.605 ·	219	.050	-1-042	. 300	498	.300	464	.300	376
		-669	191	-100	805	.350	458	.350	439	.350	352
		.684	161	- 120	728	-400	438	.400	419	•400	341
		. 724	138	-180	600	.450	417	.450	430		324
		.763	- • 0 9 2	.250	526	.500	401	-500	383	-500	318
			058	.308	491	.55	750	.550	374	•550	313
			157	. 350	443	.603	361	.630	347	-600	306
			111	-400	425	.650	332	•650	329	•650	283
				.450	399	.700	304	.730	290	.700	275
				.500	391	.750	262	.990	. 385	.750	278
				.550	365	-850	127		****	-850	135
				•600	352	.950	.024			.950	.507
				.650	307	• //5	•02 4			.990	.070
				.700	281					. 770	.070
				.800	191						
					-						
				.900	054						
				. 750	-921						
				• 990	-103						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	-•020	. 005	.887	.005	.888	- 005	.878	.005	.805
.222	053	.025	.287	.025	.300	-025	.304	.025	.279
.338	131	.050	.100	.050	.091	.050	.096	-050	025
. 448	178	.100	076	.100	015	. 100	022	.100	044
.527	202	-120	087	.180	080	.180	096	.180	036
.605	193	.180	112	- 400	176	.300	127	. 300	117
.684	186	.250	147	. 500	186	.400	161	.400	152
.724	147	.300	161	.600	175	.500	~.168	.500	156
. 763	103	<b>. 40</b> 0	187	.650	105	. 600	152	.600	127
.803	010	.500	214	.700	022	-650	077	-650	067
.842	.071	.600	186	. 750	. 057	. 700	006	.700	014
.921	-142	.650	126	.833	.141	.750	.082	.750	.088
.96 l	.154	. 700	051	•900	.228	.800	.158	.800	.177
		.750	.050	.950	. 238				
		800	.116						
		.900	. 209						
		•950	.220						





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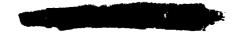
# TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(a) M = 0.25 - Continued

 $\alpha = 4.12^{\circ}; C_{L} = 0.444$ 

FUSELAGE  (/L CP '31173 47260 '63317 '78298	X/C CP .223536 .346491 .448443 .487391 .527350 .566306 .605233 .669193 .684165 .724148	X/C CP 0.J30 .189 .003 -1.436 .910 -2.294 .020 -2.238 .925 -1.999 .030 -1.735 .050 -1.280 .100916 .120829	X/C CP 0.000 .464 .010 -1.972 .030 -1.489 .050 -1.046 .100843 .180695 .300537 .350504	X/C CP 0.000 .622 .010 -1.718 .030 -1.344 .050 -1.002 .100756 .180624 .300515 .350481	X/C CP 0.000 .708 .010 -1.179 .030 -1.134 .050908 .100603 .180501
'31173 47260 '63317	.223536 .346491 .448443 .487391 .527350 .566306 .635233 .669193 .684165 .724148	0.J30 .169 .003 -1.436 .910 -2.294 .020 -2.238 .925 -1.999 .030 -1.735 .050 -1.280 .100916 .120829	0.000 .464 .010 -1.972 .030 -1.489 .050 -1.046 .100843 .180695 .300537	0.000 .622 .C10 -1.718 .030 -1.344 .050 -1.002 .100756 .180624 .300515	0.000 .708 .010 -1.179 .030 -1.134 .050908 .100603 .180501 .300411
47260 63317	.346491 .448443 .487391 .527350 .566306 .605233 .669193 .684165	.003 -1.436 .010 -2.294 .020 -2.238 .025 -1.999 .030 -1.735 .050 -1.280 .100916 .120829	.010 -1.972 .030 -1.489 .050 -1.046 .100843 .180695 .300537	.010 -1.718 .030 -1.344 .050 -1.002 .100756 .180624 .300515	.010 -1.179 .030 -1.134 .050908 .100603 .180501
63317	.448443 .487391 .527350 .566306 .605233 .669193 .684165 .724148	.910 -2.294 .020 -2.238 .025 -1.999 .030 -1.735 .050 -1.280 .100916 .120829	.030 -1.489 .050 -1.046 .100843 .180695 .300537	.030 -1.344 .050 -1.002 .100756 .180624 .300515	.030 -1.134 .050908 .100603 .180501 .300411
	.487391 .527350 .566306 .605233 .669193 .684165 .724148	.020 -2.238 .025 -1.999 .030 -1.735 .050 -1.280 .100916 .120829	.050 -1.046 .100843 .180695 .300537 .350504	.050 -1.002 .100756 .180624 .300515	.050908 .100603 .180501 .300411
	.527350 .566306 .605233 .669193 .684165 .724148	.025 -1.999 .030 -1.735 .050 -1.280 .100916 .120829	.100843 .180695 .300537 .350504	.100756 .180624 .300515	.100603 .180501 .300411
	.566306 .605233 .669193 .684165 .724148	.030 -1.735 .050 -1.280 .100916 .120829	.180695 .300537 .350504	.180624 .300515	.180501 .300411
	.635233 .669193 .684165 .724148	.050 -1.280 .100916 .120829	.300537 .350504	.300515	.300411
	.669193 .684165 .724148	.100916 .120829	.350504		
	.684165 .724148				-350391
			1700 - 1717	.40045l	.400374
		.180657	.450448	.450423	.450356
	.763100	.250579	.500427	.500411	.500338
	.803084	•300524	.550405	.550385	.550 ~.333
	.882156	.350494	-60038l	.600365	.600323
	.961124	.400455	.650351	.650 340	.650302
		<b>.</b> 450 <b>~.</b> 434	<b>.</b> 700314	.700304	.700 <b></b> 2 <b>9</b> 6
		<b>.</b> 500 - <b>.</b> 418	.750276	.990 .083	.750298
		<b>.</b> 550 <b></b> 397	<b>.</b> 850138		-850146
		.600377	.950 .316	•	.950002
		.650331			.990 .055
		.700297			
		.8001			
		•900 <b>-•</b> 05.			
		<b>.95</b> 0 <b>.</b> 023			
		.990 .095			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	.044	.005	.896	.005	.90 L	.005	.907	.005	.848
.222	028	.025	.428	. 025	.463	-025	.449	.025	. 384
.338	109	.050	• 2 29	.050	.218	.050	.214	.050	.094
.448	149	.100	.029	.100	.083	.106	.061	-100	.024
.527	183	.120	003	. 180	022	.180	027	.180	-000
-605	~. : 86		357	.400	136	.300	088	.300	067
-684	183	. 250	082	•500	158	. 400	120	.400	121
. 724	137	.300	130	.600	156	•500	145	.500	133
.763	091	-400	149	.650	086	.600	125	.600	109
-803	004	.500	176	.700	006	.65↑	053	.650	058
.842	.086	•600	179	.750	.074	.700	.008	.700	005
• 921	.138	• 650	1 03	.800	.156	. 750	.101	. 750	-101
.961	-149	.700	042	.900	.226	.800	.167	.800	.187
		.750	.058	.950	.242				
		. BOO	.129						





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### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

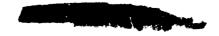
(a) M = 0.25 - Continued

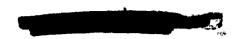
 $\alpha = 5.10^{9}$ ;  $C_L = 0.534$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	F	
X/L CP .731174 .747261 .763307 .778301	X/C	x/C	X/C CP 0.000 .166 .013 -2.453 .030 -1.835 .050 -1.183 .100984 .189760 .300594 .350510 .450484 .500455 .550427 .600400 .650321 .750273 .853136 .950 .022	X/C CP 0.000 .397 .010 -2.180 .030 -1.612 .050 -1.171 .100879 .180734 .300570 .350528 .400485 .450464 .500423 .550413 .600387 .650355 .700319 .990 .084	X/C CP 0.000 .517 .010 -1.584 .030 -1.353 .050 -1.012 .100713 .180552 .300459 .350425 .400401 .450380 .500370 .550364 .600345 .650327 .700308 .750308 .750308 .750004 .990 .060

WING	LOWER	SURFACE
------	-------	---------

X/C	CP	x/C	CP	x/0	CP	X/C	CP	X/C	C۴
.148	.072	.005	.867	.005	.906	.005	.909	.005	.880
.222	-016	- 025	.585	. 025	.593	•025	.572	-025	-510
.338	068	.050	-323	.050	.338	.050	.340	.050	.198
.448	131	.100	.108	-100	.143	.130	,149	.100	.086
.527	153	.120	.085	-180	.055	. 180	.035	.180	.053
.605	157	.180	•004	.400	096	.300	036	-300	045
.684	171	-250	043	-500	126	-430	088	.400	096
.724	119	.300	370	.600	127	. 500	113	.500	120
.763	064	.400	133	.650	060	.630	111	.600	098
.803	.007	.500	159	. 700	.015	.650	038	.650	046
.842	.087	.600	149	. 750	.086	.700	.021	.700	.004
. 921	·155	.650	107	.800	.167	. 750	.107	.750	.100
.961	.163	.700	020	.900	.232	.830	.177	.800	. 190
		.750	.064	.950	.250		••••		• • • •
		.800	.128						
		. 900	.206						
		.950	.219						





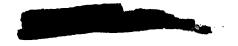
### (a) M = 0.25 - Continued

 $\alpha = 6.13^{\circ}; C_{L} = 0.626$ 

	STATION . 148	SCA. NOITATE	STATION .595	STATION .775	STATION .9L3
FUSEL AGE			WING UPPER SURFACE	•	
:/L CP :31167 :47270 :63310 !78300	X/C Cr •223652 •346562 •448503 •487431 •527388 •566332 •605255	X/C CP 0.000501 .003 -2.553 .010 -3.379 .020 -3.065 .025 -2.865 .030 -2.265 .050 -1.657	X/C CP 0.000163 .010 -2.891 .030 -1.929 .050 -1.399 .100 -1.074 .189838 .300645	x/C CP 0.000 .135 .010 -2.703 .030 -1.815 .050 -1.365 .100997 .180783 .300616	X/C CP 0.000 .311 .010 -1.924 .030 -1.565 .050 -1.096 .100790 .180611 .300492
	.669200 .684187 .724155 .763107 .803084 .882155 .961097	-100 -1-160 -120 -1-057 -180821 -250698 -360632 -350573 -400528	.350584 .400 - 544 .450 - 520 .500179 .550442 .600416 .650382 .700335	.350564 .400519 .450492 .500463 .550432 .600402 .650372 .700331	.350456 .400432 .450422 .500396 .550386 .600362 .650337
		.500464 .550438 .600398 .650354 .700313 .8001°7 .900056 .950 .021	.750285 .850144 .950 .019	.990 .081	.750319 .850171 .950013 .990 .060

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
. 148	-091	- 005	.900	- 205	. 648	.105	. 862	.005	.890
.222	.060	. 02 5	.654	.025	.675	.025	.671	.025	.587
.338	031	-050	•403	.050	.405	-050	.418	.050	.279
.448	1 96	. 100	-176	.100	. 234	.100	.224	.100	.142
.527	129	.120	.164	.180	.104	.180	.089	.180	.096
. 605	124	.180	.067	.400	065	-300	.002	.300	020
.684	157	.250	.004	.500	094	.430	051	-400	071
.724	115	.300	026	.600	114	.500	092	.500	095
.763	053	.400	389	.650	055	.600	092	-600	096
.803	.024	.500	126	.700	.023	.650	027	.650	041
. 842	-091	.600	120	.750	.096	.700	.033	.700	.013
.921	.149	.650	377	-806	.167	.750	.113	.750	.104
.961	. 166	. 700	014	.900	.234	. 800	. 179	. 800	.188
		.750	. 0 B6	.950	.243				
		.800	-135						





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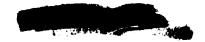
### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(a) M = 0.25 - Continued

 $\alpha = 7.14^{\circ}; C_{L} = 0.717$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	ŧ	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	158	.223702	0.000 -1.071	0-000560	0.000261	0.000 .000
. 747	266	.346616	.003 -3.213	.010 -3.391	.010 -3.151	.010 -2.317
. 763	294	.448538	.010 -4.03	.030 -2.129	.030 -1.999	.030 -1. <b>854</b>
.778	298	<b>.</b> 487 - <b>.4</b> 55	.020 -3.559	.050 -1.640	.050 -1.548	.050 -1.284
		<b>.</b> 527 <b>406</b>	.025 -3.290	.103 -1.225	.100 -1.119	.100893
		•5 <u>66</u> -•349	.030 -2.545	.180916	.180871	.180669
		.605272	.050 -1.845	.300703	.300669	.300547
		•669 -•220	.100 -1.286	.350635	.350609	.350498
		.6841 <b>8</b> 2	•120 -l•156	.400585	.400557	.400463
		•724 <b>-•158</b>	.180894	.450545	.450515	.450445
		.763114	.250756	.500502	.500484	.500420
		.803082	.300673	.550474	.559456	.550403
		.882145	.350616	.600439	.600424	.600386
		.961098	.400564	-650393	.650388	.650360
			.450517	.700349	.700336	.700339
			.500487	.750290	.990 .080	.750328
			.550445	.850141		.850173
			.600415	.950 .016		.950019
			.650359	0770 0000		.990 .052
			.700311			
			.800201			
			.900252			
			.950 .024			
			.990 .071			
			.,,,,			

X/C	CP	x/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	- 157	-005	.668	.005	.766	.005	. 750	.005	. 871
.222	.087	-025	.718	.025	.755	.025	.740	.025	.668
.338	010	-050	. 4 94	.050	.516	-050	.515	.050	.363
.448	068	.100	. 262	.100	.324	.100	.298	.100	. 216
<b>~</b> 527	092	.120	.221	.180	.169	- 180	-155	.180	.139
.605	121	.180	-117	. 400	019	.300	.050	.300	.021
.684	130	• 250	-052	, 500	057	.400	023	.400	043
.724	082	. 300	.001	.600	084	.500	063	.500	065
.763	045	.400	066	.650	026	-600	073	.600	065
.803	-014	-500	091	.700	. 042	.650	004	.650	025
-842	-109	.600	114	.750	.106	.730	.047	.700	.019
.921	-161	- 650	057	-800	.185	.750	.126	.750	.114
.961	.163	.700	-0 05	.900	. 250	.800	.1 86	.800	. 201
		- 750	.075	.950	.255			*	
		-800	.153	<del>-</del>					
		.900	.211		1				
		-950	.227						



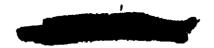


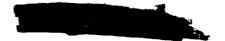
TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(a) M = 0.25 - Continued

 $\alpha = 8.10^{\circ}; C_{L} = 0.801$ 

FUS EL AGE	STATION .148	STATION .402	STATION .595 WING UPPER SURFACE	STATION .775	STATION .913
(/L CP 731156 747265 763302 778287	X/C CP .223757 .346645 .448567 .487487 .527429 .566364 .605274 .669235 .684197 .724166 .763117 .803099 .882153 .961092	X/C	X/C CP 0.000948 .010 -3.865 .030 -2.389 .050 -1.799 .100 -1.324 .180994 .300738 .350681 .400621 .450573 .500538 .550501 .600436 .650408 .700360 .750295 .850142 .950 -011	X/C	X/C CP 0.000276 .010 -2.708 .030 -2.157 .050 -1.414 .100968 .180725 .300537 .400533 .450470 .500452 .550455 .600409 .650378 .760360 .750347 .850180 .950027 .990 .052

						-			
X/C -148	CP 208	X/C	CP	X/C	CP	X/C	CP	X/C	CP 1
.222 .338 .448	.208 .122 .025 024	.005 .025 .050 .100	•520 •808 •579 •345	.005 .025 .050 .100	.639 .809 .589 .387	•005 •025 •050 •100	.629 .811 .582 .362	.005 .025 .050	.819 .725 .444
.605 .684 .724	092 092 059	•120 •180 •250 •300	-280 -185 -107 -152	.180 .400 .500	.211 .011 347 057	.180 .300 .400	.195 .085 .012	-180 -300 -400	.150 .051 018
.763 .803 .842	035 .049 .129	•400 •500 •600 •650	036 057 081 032	.650 .700 .750	008 .046 .116	.630 .650 .700	050 .006 .041	.500 .600 .650 .700	057 051 010 .024
.961	-175	.700 .750 .800	.032 .115 .157	-800 -900 -950	.189 .249 .255	.750 .830	•136 •194	-750 -860	-121 -201





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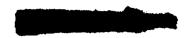
# TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(a) M = 0.25 - Continued

 $\alpha = 9.09^{\circ}; C_{L} = 0.887$ 

	STATION .148	STATION .402	SPE. MCITATE	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	•	
FUSEL AGE  X/L CP .731145 .747255 .763288 .778273	X/C CP .223832 .346675 .448601 .487498 .527443 .566375 .605287 .669229 .684195 .724160 .763115 .803084 .882141 .961087	X/C CP 0.000 -2.078 .003 -4.778 .010 -5.358 .020 -4.770 .025 -3.910 .030 -3.163 .050 -2.270 .100 -1.527 .120 -1.385 .180 -1.051 .250857 .300765 .350682 .400622 .450568 .500529 .550485	X/C CP 0.000 -1.460 .010 -4.448 .030 -2.751 .050 -2.033 .100 -1.456 .180 -1.087 .300789 .350720 .400653 .450066 .500552 .550514 .600469 .650414 .700357 .750295 .850147	X/C CP 0.000991 .010 -4.257 .030 -2.445 .050 -1.927 .100 -1.366 .180 -1.011 .300763 .350685 .400627 .450578 .500528 .550528 .550493 .600454 .650404 .700354	X/C
		.600442 .650383 .700335 .800204 .900051 .950 .014	.950 .013		.950035 .990 .040

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
.148	.242	.005	.307	.005	.464	.005	.435	.005	.753
. 222	-164	.025	.839	.025	• 86Z	.025	-850	.025	.797
.338	.061	-050	.630	-050	-665	.050	.649	.050	.520
.448	023	-100	.+07	-100	-461	.100	.432	.100	.334
.527	044	-120	.356	-180	. 269	.180	.269	.100	. 192
.605	074	.180	-224	•400	- 054	. 300	.126	-300	.088
.684	093	.250	.142	-500	010	.400	.038	.400	.014
.724	064	.300	.093	-600	030	.500	010	. 500	036
.763	010	.400	.009	-650	.008	.600	034	.600	030
.803	.041	.500	040	.700	.070	.650	.029	.650	.004
.842	.128	.600	057	. 750	.132	.730	.074	.700	.036
·921	.192	.650	027	.800	.203	.750	-145	.750	.131
.961	.183	.700	. 229	.900	. 263	.800	.208	.860	.212
		. 750	.115	.950	.259				
		.800	.164	• •	•				
		.900	.236						
		.950	.231						



(a) M = 0.25 - Continued

 $\alpha = 10.13^{\circ}; C_{L} = 0.974$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL	LAGE			WING UPPER SURFACE	<b>!</b>	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
731 -	157	.22388L	0.000 -2.619	0.000 -1.983	0.000 -L.544	0.000 -1.164
747 -	239	.346723	<b>.</b> 003 <b>-5.</b> 635	.010 -5.399	.010 <b>-4.92</b> 3	.010 -3.649
763 -	287	.448630	.010 -5.975	.030 -3.024	.030 -2.767	.030 -2.428
778 -	275	.487515	.020 -5.317	.050 <b>-2.198</b>	.050 -2.148	.050 -1.744
		.527456	.025 -4.206	.100 -1.587	. 100 - 1. 494	-100 -1-170
		.566386	.030 -3.559	.183 -1.181	.180 -1.120	.180862
		.605292	.050 -2.464	.300850	.300809	.300673
		.669240	.100 -1.671	.350747	.350724	.350610
		.684202	.120 -1.503	-400689	.400666	.400565
		.724170	.180 -1.113	.450633	.450608	.450529
		.763117	. 250 903	.500584	.500557	.500505
		.803084	.300808	.550532	.550513	.550475
		.882138	.350 ~.714	.600485	.600470	.600452
		.961079	.400654	.650426	.650425	.650413
			.450600	.700367	.700369	.700393
			.500549	.750291	.990 .043	.750379
			.550495	.850142		-850200
			.600449	.950 .003		.950044
			.650386			.990 .036
			.700327			
			.800192			
			.900052			
			.950 .011			
			.990 .047			

X/C	CP	X/C	CP	X/C	CP	x/c	CP	X/C	CP
.148	.267	-005	.390	.005	. 251	.035	.147	.005	.625
.222	.197	.025	.867	025	.893	.025	.889	.025	.828
.338	•092	.050	.693	.050	.722	.050	.720	. 05 0	.587
.448	.017	.100	.460	. 100	.514	-100	.510	.100	.378
.527	017	.123	.408	.190	.314	.180	.308	.180	.231
.605	040	. 180	.287	.400	.088	.300	.188	.300	-112
.684	085	.250	.187	-500	.025	.400	.080	.400	.039
.724	041	.300	-141	.600	017	.500	.020	. 500	013
.763	.001	.400	.052	.650	.029	.600	008	.600	022
.803	.063	• 500	023	.700	<b>3086</b>	.650	.043	.650	.018
.842	•132	.600	038	.750	.149	.700	.086	.700	.048
- 921	-197	.650	• 007	.800	.209	.750	.159	.750	.140
.961	.193	.700	-340	.900	. 261	-800	.214	.800	.215
		.750	-122	•950	.258				
		.800	.185						
		• 900	.236						
		.950	.238						





TABLE X.- WING AND FUSELAGE PRESSURF COEFFICIENTS FOR CONFIGURATION 123 - Continued

(a) M = 0.25 - Concluded

 $\alpha = 11.98^{\circ}; C_{L} = 1.131$ 

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	. 3 35	.005	467	.005	225	.035	383	. 205	.340
• 2?2	• 256	.025	.868	.025	-900	.025	.901	.025	.860
.338	.137	.050	.762	.050	. 805	.050	•792	.050	.682
. 448	.061	.100	.557	. 100	.592	-100	-600	-100	45.4
. 527	•022	-120	.511	.180	.407	.180	.388	.180	.30?
•605	015	. 180	. 3 75	.400	.152	.300	.242	.300	. 165
.684	055	. 250	. 261	.500	.068	.430	.139	.400	.085
.724	012	.300	.213	-600	.020	.500	.072	•500	.022
.763	. 236	.400	-104	. 550	.057	.630	•024	.600	.003
.803	.082	• 500	.040	.700	-110	.650	.074	.650	.039
.842	.157	.600	. 305	.750	.156	.733	. 106	.700	. 062
.921	.213	-650	.025	.800	.228	.750	.173	.750	.142
.961	.206	.703	.074	.900	. 268	.830	.219	.802	.226
		. 750	.145	.950	.262		•••		
		. 800	.178	• • • •					
		.900	.238						
		.950	.225						





TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(b) M = 0.50

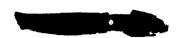
 $\alpha = -2.03^{\circ}; C_{L} = -0.144$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
:/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
31241	•223 <b>-•229</b>	0.000 .911	0.000 .877	0.000 .858	0.000 .846
47318	.346255	.003 .742	.010 .139	.010 .246	.010 .313
'63 <b></b> 357	.448257	.010 .097	.030156	.030105	.030122
'78 <b></b> 353	.487249	.020143	.050128	.050166	.050216
	.527234	.025199	.100200	.100173	.100173
	.566207	.030203	.180241	.180218	-180167
	.605161	.050269	.300273	.300269	.300217
	.669144	.100223	.350267	.350255	.350209
	.684139	.120254	.400275	.400269	.400211
	.724134	.180251	.450287	.450273	.450222
	.763094	.250263	.500285	.500275	.500 Ta
	.803073	.300263	.550290	.550283	.550 7
	.882199	.350274	.600287	.600283	.600239
	.961174	.400269	.650276	.650276	.650223
		.450277	.700259	.700257	.700229
		.500287	.750225	.990 .095	.750245
		.550289	.850117		.850115
		.600286	.950 .030		.950 .012
		.650266	*****		.990 .078
		.700256			3110
		.800184			
		.900055			
		.950 .026			
		.990 .099			

CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
276	.005	.089	.005	062	.005	088	.005	118
315	.025	981	. 025	848	.025	746	.025	~.629
352	.050	737	-050	738	.050	727	- 050	754
373	.100	699	-100	623	.100	594	-100	476
375	.120	634	. 180	528	.180	519	. 180	350
337	. 180	555		426		425		360
326	.250	485		390		392		340
259		-						317
188		448			_			245
039		412				•		167
								081
			_					.044
								.143
				-		••••		
	950	•200						
	276 315 352 373 375 337 326 259	276 .005315 .025352 .050373 .100375 .120337 .180326 .250259 .300188 .400039 .500 .011 .600 .105 .65C .122 .700 .800 .900	276	276	276	276	276	276





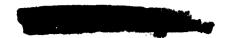


(b) M = 0.50 - Continued

 $\alpha = -1.09^{\circ}; C_{L} = -0.051$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP •731238 •747322 •763363 •778357	X/C CP .223277 .346311 .448301 .487281 .527260 .566228 .605175 .669152 .684149 .724145 .763107 .803073 .882207 .961174	X/C CP 0.000 .960 .003 .611 .010183 .026393 .025407 .030373 .059375 .100344 .120346 .180303 .250316 .300325 .350307 .400304 .450308 .500307 .550309 .600309	X/C CP  0.000 948  .010142  .039337  .050259  .100318  .160324  .300317  .450328  .500321  .550316  .600315  .650300  .700279  .750243  .850127  .950 .050	X/C	X/C CP 0.000 .893 .010 .166 .030320 .050311 .100237 .180261 .300261 .400255 .450261 .500264 .550263 .600264 .650264 .700252 .750265 .850126 .950 .006 .990 .075

X/C	C P	X/C	CP	X/C	CP	x/c	СР	x/c	CP
. 148	251	- 005	.339	-005	-238	-005	. 122	.005	• 043
.222	284	.025	739	.025	548	.025	556	.025	462
.338	3 28	•950	569	.050	569	.050	512	.050	571
.448	345	- 100	593	-100	524	. 100	472	.100	412
.527	361	-120	540	.180	452	-180	440	.180	308
.605	~.339	.180	491	. 400	398	.300	382	.300	318
.684	3 28	.250	446	.500	·· . 373	-400	357		
.724	254	. 300	439	.600	320	.500	337	•400	315
. 763	180	.403	415	.650	~.211	.600	273	.500	298
-803	000	-500	399	.700	098	.650	170	.600	232
. 842	.019	.600	341	. 750	.008	.700	072	-650	153
.921	-101	.650	243	.800	.100	.750		-700	070
.961	.119	.700	125	.900	.198	-	-040	• 750	• 053
		. 750	024	.950	.219	.800	-119	.800	.150
		-800	. 263	.,,,	•217				
		.900	.172						
		• 950	. 191						



(b) M = 0.50 - Continued

 $\alpha = -0.07^{\circ}; C_{L} = 0.052$ 

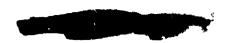
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>.</b>	
/L CP 31242 47322 '63355 78356	X/C	X/C CP 3.000 .954 .003 .339 .010499 .020640 .025673 .030643 .050561 .100491 .120453 .180379 .250371 .300372	X/C CP 0.000 .962 .010368 .030521 .050486 .100433 .180400 .300376 .350359 .400352 .450363 .500364	X/C CP 0.000 .957 .010224 .030485 .050416 .100358 .180375 .300360 .350348 .400349 .450342 .500328 .550331	X/C CP 0.000 .931 .010035 .030453 .050492 .100329 .180304 .300299 .350289 .400276 .450286 .500279 .550285
	.882205 .961169	.350347 .400345 .450348 .500340 .550337 .600328 .650300 .700285 .800193 .900061 .950 .027	.600329 .650314 .700293 .750251 .850131 .950 .031	.600321 .650311 .700289 .990 .J98	.600279 .650268 .700263 .750270 .850133 .950 .009

### KING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	СР
.148	195	• 00 5	.525	- 005	.496	.005	-418	•005	.277
. 222	~.218	.025	419	.025	351	.025	302	.025	253
.338	284	.050	393	. 050	398	- 050	348	•050	454
.448	317	. 100	478	.100	353	-100	371	.100	290
.527	330	. 120	435	.180	368	-180	375	.180	247
. 605	311	.180	404	• 400	355	-300	324		
.684	303	.250	377	-500	339	-430		.300	271
.724	233	. 300	374	.600	292	_	317	.400	285
. 763	165	•400	364	-650	188	- 500	311	• 500	274
. 803	067	•500	355	• 700		-600	249	.600	215
.842	.029	.600	315		088	.650	146	-650	136
.921	.118			.750	-017	• 700	063	. 700	065
.961	.126	.650	218	.800	• 109	• 750	• 946	<b>-</b> 7 <b>5</b> 0	.060
• 401	.150	.700	~.121	• 900	-214	-800	.127	.800	. 155
		.750	009	• 950	.229				
		.800	.074						
		• 900	.161						
		•950	.204						



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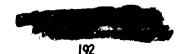
### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(b) M = 0.50 - Continued

 $\alpha = 0.97^{\circ}; C_{L} = 0.161$ 

	STATION .148	STATION .402	STATION .595	STATEON .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
FUS EL AGE  X/L CP  .731258  .747331  .763362  .778359	X/C CP .223389 .346392 .448371 .487330 .527304 .566263 .605200 .669178 .684169 .724162 .763103 .803084 .882206 .961161	X/C CP 0.000 .912 .003 .366 .010 -1.012 .020 -1.142 .025 -1.347 .030956 .050788 .100*99 .120>75 .180468 .250448 .300403 .400384 .450375 .500375 .500375 .500351	X/C CP 0.000 -919 0.010727 0.30806 0.50611 0.00552 0.80495 0.300495 0.300405 0.400405 0.450397 0.500388 0.550379 0.600365 0.650348 0.700315 0.750269 0.850139 0.950 0.28	X/C CP 0.000 .960 .010610 .030729 .050665 .130462 .180462 .330426 .350404 .400393 .450382 .500366 .550362 .600353 .650334 .730305	X/C CP 0.000 .935 .010330 .030648 .050593 .100433 .180354 .300337 .350321 .400315 .500315 .000309 .650295 .700286 .750287 .850139 .950 .008
		.700296 .800203 .900060 .950 .027 .990 .105			.,,,

					· · · <del>-</del>	-			
X/C	CP	X/C	CP	X/C	CP	x/C	CP	x/C	CP
.148	149	.005	.717	. 005	.723	-005	.638	.005	.551
•222	181	-025	190	• 025	127	.025	047	.025	0+8
. 338	253	• 05 0	191	<sub>v</sub> 0 50	208	.050	190	.050	304
.448	286	-100	329	-100	275	.100	~.229	.100	233
.527	301	-120	332	.180	286	.180	313	. 180	174
. 605	-•292	- 180	321	•400	313	.300	278	.210	27
.684	~.285	• <b>25</b> 0	310	-500	90 د	.400	281	.40u	5
.724	223	.300	334	.600	263	.500	278	.500	254
. 763	160	-400	~.336	.650	174	.600	235	.600	193
. 803	057	. 500	338	.700	072	.650	137	.650	126
.842	•040	.600	293	.750	.030	.700	045	.700	050
.921	.117	.650	210	00	.125	.750	.061	. 750	.068
. 961	.133	.706	103	.967	.218	.800	.142	.800	-167
		. 750	.007	, 950	. 238		****		1101
		. 800	.083						
		.900	. 190						
		.950	.207						







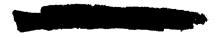
(b) M = 0.50 - Continued

 $\alpha = 1.92^{\circ}; C_{L} = 0.254$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
/L 31 47 63 78	CP 247 326 363 361	X/C CP •223 - •468 •346 - •442 •448 - •412 •487 - •369 •527 - •334 •566 - •283 •605 - •217 •669 - •190 •604 - •174 •724 - •166 •763 - •122 •803 - •094	X/C CP 0.000 .804 .003278 .010 -1.265 .020 -1.452 .025 -1.322 .030 -1.209 .050896 .100720 .120669 .180552 .255511 .300480	X/C CP 0.000 .862 .010 -1.095 .030 -1.387 .050810 .100696 .180592 .300496 .350468 .400451 .450435 .500420 .550405	X/C CP 0.030 .913 .010984 .030932 .050772 .100623 .180546 .330473 .350447 .400428 .450413 .500401 .550390	X/C CP 0.000 .915 .010585 .030875 .050752 .100522 .180389 .350366 .400354 .450346 .500344 .550339
		.882 ~.199 .961 ~.159	.350445 .400428 .450415 .500395 .550381 .600371 .650329 .700312 .800211 .900060 .950 .026 .990 .101	.600386 .650367 .700332 .750277 .850145 .950 .023	.600373 .650352 .700324 .990 .093	.600327 .650314 .700304 .750297 .850149 .950001 .990 .072

#### WING LOHER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP .
.148	074	- 005	-825	.005	.812	.005	.824	-005	.664
. 222	127	.025	.027	.025	.079	.025	.147	.025	.116
.338	203	.050	110	. 050	047	. 050	06 9	2050	146
.448	252	. 100	232	-100	147	-100	143	100	141
527	276	. 120	243	-180	194	-180	~ .205	.180	1:20
. 605	267	.180	253	.400	267	. 300	216	.300	185
.684	256	.250	258	.500	2 70	-400	237	-400	218
.724	204	. 300	261	-600	243	.500	240	• 500	223
.763	144	.400	293	.650	158	.600	211	-600	178
. 803	047	.500	294	.700	- ,058	-650	117	-650	112
.842	.050	.600	267	-750	-041	.700	034	•700	043
.921	-128	. 650	1.83	.800	-130	• 750	.071	• 750	
.961	.141	. 700	091	.900	.226	.800	-151	.800	.078
		.750	-024	.950	.238	•000	•191	• • • • •	. 174
		-800	. 297		.230				
		900	300						



C-3

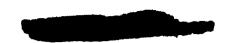


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = 3.03^{\circ}; C_{L} = 0.363$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	<b>EL</b> AGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	234	•223 <b>-•523</b>	0.000 .629	0.000 .698	0.000 .830	0.000 .832
. 747	330	.346486	•003 -• isd	.010 -1.658	.010 -1-430	.010694
<b>.</b> 763	~.360	.448448	.010 -1.953	.030 -1.359	.030 -1.274	.030 -1.113
.778	357	.487397	.020 -1.934	.050918	.050949	.050881
		.527356	-025 -1.866	.100796	.100743	.100592
		.566304	.030 -1.593	-180672	.180616	.180487
		.605232	.050 -1.139	.300543	.330534	.300426
		.669199	.100849	.350509	.350490	.350404
		.684181	.120776	.400498	.400460	.400392
		.724169	.180633	.450469	.450447	.450376
		.763127	.250 ~.574	.500450	.500 ~.425	.500364
		-803100	.300532	.550428	.550415	.550362
		.882195	-350490	.600405	.630390	.600350
		.961 ~.146	.400469	.650377	.650372	.650328
			.450450	-700342	.700335	.700320
			-500430	.750286	.990 .094	.750313
			.550413	.850141		.850154
			.600389	.950 .024		.950003
			.650348			.990 .068
			.700326			
			.800217			
			.900365			
			.950 .025			
			.990 .099			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	024	-005	-907	.005	.919	-005	.896	- 005	-830
.722	088	.025	. 240	• 025	.291	.025	. 30 3	. 025	.262
• 338	162	-050	-074	.050	.075	.050	.079	-050	024
.448	214	-100	121	.100	062	.100	040	- 100	079
527	236	. 120	112	.180	129	-180	113	- 180	070
.605	240	-180	170	.400	~.223	.300	170	.300	148
.684	235	•250	184	- 500	239	.400	191	.400	188
.724	185	.300	220	.600	217	-500	214	- 500	200
. 763	135	-400	248	.650	135	.600	191	.600	163
- 803	327	-500	255	.700	238	-650	097	.650	098
.842	-068	.600	234	.750	.055	.700	020	.700	032
.921	. 146	-650	158	.800	.145	.750	.087	. 750	.086
.961	.149	. 700	065	.900	-234	.800	.162	.800	.183
		. 750	.034	. 950	.241	-			
		.800	-109						
		.90C	-211						
		-950	.225						



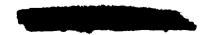


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = 3.93^{\circ}; C_{L} = 0.423$ 

	STATION .148	STATEON .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
:/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
<b>'31238</b>	.223591	0.000 .501	0.000 .620	0.000 .736	0.000 .774
47318	.346542	.003 -1.053	.010 -2.095	.010 -1.796	.010 -1.208
63357	.448490	-010 -2.512	.030 -1.785	.030 -1.665	-030 -1-294
'78355	.487418	-020 -2.336	.050 -1.087	.050 -1.086	.050 -l.018
	.527379	-025 -2-260	.100932	.100855	.100697
	.566323	.030 -2.098	.180766	.180691	-180532
	.605239	.050 -1.283	.300608	.300563	.300475
	.669203	. l00979	.350 ~.550	•350 -•530	.350440
	.684190	-120900	.400535	.400497	.400424
	.724176	.180701	.450508	.450475	450412
	.763123	.250618	.500476	.500446	.500395
	<b>.803</b> 099	• 300	.550448	.550427	•550 -•382
	.882194	.3505 <i>2</i> 6	.600423	.600404	-600369
	.961143	.400497	.650389	.650381	.650345
		.45C476	.700351	.700342	.700332
		-500455	.750293	-990 -086	.750315
		•550 <b>~•429</b>	.850144		.850159
		.600403	.950 .022		-950 ~-008
		•650 <b>~•</b> 368			.990 .066
		.700330			
		-800218			
		.900067			
		.950 .025			
		.990 .092			

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	-017	.005	.934	- 305	.937	• 005	.933	.005	-876
.222	047	.025	. 362	. 025	•420	.025	.421	.025	. 377
.338	130	.050	- 168	-050	•192	.050	.197	.050	.052
48	183	.100	056	- 100	.036	-100	.037	.100	002
: 27	216	.120	351	-183	068	-180	068	- 180	023
.605	214	. 180	103	-400	181	-300	123	- 300	127
.684	225	.250	146	-500	202	<b>• 400</b>	167	.400	160
.724	175	.300	163	.600	198	.500	188	.500	175
.763	109	-400	200	•650	122	.600	167	.600	153
.803	019	. 500	239	.700	022	-650	084	-650	089
. 842	.071	.600	215	- 750	. 064	.730	009	.700	023
.921	.147	-650	144	.800	-150	.750	.088	.750	.089
.961	. 152	.700	357	•900	.237	.830	. 165	. 800	.182
		.750	.042	.950	.249				
		.800	.118						
		.900	.210						
		-950	.230						

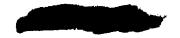


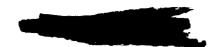


(b) M = 0.50 - Continued

 $\alpha = 4.97^{\circ}; C_{L} = 0.554$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP .731228 .747312 .763352 .778351	X/C CP .223659 .346588 .448526 .487451 .527396 .566337 .605252 .669214 .684198 .724182 .763135 .803110 .882196 .961139	X/C	X/C CP 0.000 .425 .010 -2.750 .030 -2.252 .050 -1.300 .100 -1.053 .180842 .300657 .350606 .4005.2 .450535 .>00502 .550466 .600442 .650401 .700358 .750298 .850145 .950 .017	X/C CP 0.000 .559 .010 -2.449 .030 -2.155 .050 -1.339 .100988 .180782 .300621 .350579 .400536 .450510 .500474 .550455 .600427 .650349 .700349 .990 .078	X/C CP 0.000 .629 .010 -1.595 .030 -1.608 .050 -1.130 .100780 .180610 .300521 .350489 .400452 .450438 .500420 .550403 .600392 .650365 .700347 .750335 .850172 .950016 .990 .063
	X/C CP • 148 • 050 • 222 • • 010 • 338 • - 089 • 448 • - 153 • 527 • - 186 • 605 • - 194 • 684 • - 205 • 724 • - 155 • 76 3 • - 095 • 803 • - 007 • 842 • 081 • 921 • 154 • 961 • 157	X/C CP .005 .925 .025 .518 .050 .296 .100 .077 .120 .037 .189032 .250084 .300126 .400173 .509201 .600204 .650131 .700044 .755 .055 .800 .126 .900 .218 .950 .224	X/C CP	X/C CP .005 .936 .025 .558 .050 .316 .100 .139 .180 .004 .300071 .400126 .500160 .600152 .650068 .700001 .750 .100 .800 .173	X/C CP .005 .912 .025 .484 .050 .180 .100 .077 .180 .024 .300079 .400127 .500151 .600130 .650070 .700014 .750 .100 .800 .189





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TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(b) M = 0.50 - Continued

 $\alpha = 5.97^{\circ}$ ;  $C_{L} = 0.646$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATEON .913
FUSELAGE			WING UPPER SURFACE		
/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
31224	.723718	0.000 .033	0.000 .132	0.000 .405	0.000 .466
47309	.346629	-003 -1.875	.017 -3.223	.010 -2.856	.010 -2.015
63349	.448558	-010 -3-176	.030 -2.925	.030 -2.612	.030 -1.976
78344	.487468	.020 -3.066	.050 -l.486	.050 -1.472	.050 -1.269
	.527417	.025 -2.972	.100 -1.181	.100 -1.085	.100885
	.566352	.030 -2.649	.183924	.180865	.180678
	.605263	.050 -2.072	.300714	-300680	.300568
	.669217	.10) -1.198	.350639	.350615	.350516
	.684197	-120 -1-101	.400600	.430571	.400491
	.724175	.180875	.450567	.450537	.450471
	.763126	.250735	.500523	.500502	.500447
	.803112	.300670	.550482	.550474	.550425
	.882189	.350605	.600453	.600440	.600410
-	.961133	.400567	.650396	•650405	.650382
		.450534	.700353	.700352	.700358
		.500494	.750289	.990 .06L	.750351
		.550462	.850142	1770 1001	.850181
		.600430	.950 .015		.950019
		.650382	.730 .013		
		.703 - 341			.990 .054
		800220			
		.900066			
1		.950 .011			
		•990 •011 •990 •073			
		•77J •3/3			

X/C	CP	X/C	CP	X/C	C P	x/C	CP	x/c	CP
.148	.096	• 305	910	.005	.930	.005	.926	.005	.914
.222	.042	.025	.610	.025	.640	.025	.641	.025	- 580
.338	056	.050	.370	. 050	.411	.050	-408	.050	. 284
. 448	127	-100	.132	.103	. 2 02	. 100	.210	.100	-140
.527	162	-120	.108	.180	.073	.180	.057	.180	•077
.605	173	-180	.026	.400	089	.300	027	. 300	044
.684	83	• 250	034	.500	142	. 400	090	.400	090
.724	136	.300	085	.600	149	.500	133	.500	130
.763	087	.400	130	.650	085	.600	128	.600	114
.803	001	.500	173	.700	001	.650	052	.650	065
. 842	.090	. 600	1 84	.750	.085	. 700	.010	.700	009
.921	.164	.650	113	.800	-156	.750	.107	.750	. 106
.961	.167	.700	034	.900	.245	.800	.176	.800	.194
		.750	.057	.950	. 253				41,4
		. 800	.132						
		- 900	. 220						
		05.0	2.20						



(b) M = 0.50 - Continued

 $\alpha = 6.93^{\circ}; C_{L} = 0.731$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL 4GE			WING UPPER SURFACE	:	
X/L CP • 731 - • 210 • 747 - • 298 • 763 - • 350 • 778 - • 345	X/C CP .223765 .346676 .448596 .487490 .527429 .566362 .605272 .669226 .684202 .724183 .763137	X/C CP 0.000195 .003 -2.206 .010 -2.532 .020 -2.636 .025 -2.502 .030 -2.384 .050 -2.377 .100 -1.547 .120 -1.329 .180958	X/C CP 0.000 .043 .010 -3.146 .030 -2.559 .050 -1.923 .100 -1.280 .180979 .300739 .350667 .400616 .450576	X/C CP 0.000 .226 .010 -2.978 .030 -2.541 .050 -1.964 .100 -1.259 .180914 .300709 .350640 .400592 .450553 .500517	X/C CP 0.000 .249 .010 -2.509 .030 -2.448 .050 -1.372 .100967 .180729 .300599 .350553 .400518 .450498
	.803109 .882183 .961121	.300705 .350636 .400588 .450507 .550507 .550467 .600429 .650377 .700336 .800212 .900075 .950 .001	.550489 .600448 .650400 .700349 .750290 .850135 .950 .004	.550480 .690440 .650406 .700351 .990 .052	.550453 .600434 .650401 .700377 .750368 .850188 .950025 .990 .048

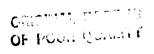
### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	-155	.005	. 871	-005	•901	-005	.887	.005	.910
.222	.071	. 025	.705	.025	.727	.025	.710	. 025	.674
.338	030	.050	.443	.050	-502	.050	.489	.050	.363
.448	086	.100	.197	.100	. 252	.100	.273	.100	.179
.527	133	. 120	•1 72	.180	.117	.180	.117	.180	.117
.605	141	.180	.385	.400	072	.300	.012	.300	011
.684	166	.250	.009	. 500	110	.400	056	.400	085
.724	123	.300	339	.600	134	.500	105	. 500	105
.763	075	. 400	100	.650	069	.600	116	.600	106
. 803	•013	.503	150	.700	• 009	. 650	043	.650	051
.842	<ul><li>105</li></ul>	.600	164	. 7 50	.089	.700	.019	.700	000
•921	. 170	.650	092	.800	-171	.750	.112	. 750	.106
.961	-174	.700	015	.900	.242	.800	.183	.800	.197
		. 753	.370	. 950	• 250				



.900

·223





(b) M = 0.50 - Continued

 $\alpha = 8.01 ; C_L = 0.804$ 

		STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	EL AGE			WING UPPER SURFACE	E	
./L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
'31	210	•223 <b>833</b>	0.000336	0.000088	0.030 .076	0.000 .076
47	300	.346715	.003 -2.224	.010 -2.784	.019 -2.945	-010 -2-757
'63	342	.448626	.010 -2.571	.030 -2.492	.030 -2.434	.030 -2.722
78	340	<b>.</b> 487 <b></b> 518	.020 -2.324	.050 -2.318	.050 -2.257	.050 -1.530
		•52 <i>7</i> -•452	.025 -2.036	-100 -1-774	.100 -1.675	.100 -1.072
		.566376	.230 -2.302	.180 -1.066	.180 -1.008	·180784
		.605 <b>283</b>	.050 -2.247	.300768	.300730	.300635
		•669 <b>-•</b> 243	.100 -1.958	.350685	.350661	.350583
		.684il0	.120 -1.785	.400624	.400603	.400539
		-724186	.180 -1.231	.450 ~.569	.45055′	·450 -·517
		.763135	.250953	.500513	.500: er	.500485
		.803112	.300765	.550472	.5504.0	.550471
		-882 ~-191	.350676	.60041l	.60042i	.600 ~.441
		•961 -•122	.400620	.650362	.650377	.650405
			.450548	.700322	.700330	.700381
			.500499	.750254	.990 .027	.750365
			.550455	.850153		.850193
			.600405	.950032		.950033
			.650356			.990 .036
			.700303			
			.800205			
			.900087			
			.950042			
			.990017			

X/C	CP	X/C	CP	x/c	CP	X/C	CP	X/C	CP
.148	. 1 86	-005	.827	.005	.867	.005	.840	.005	.884
.222	.118	.025	.742	. 025	. 766	.025	.758	.025	. 707
. 338	.009	. 05 0	.515	.050	•536	.050	• 545	.050	.403
.448	366	-100	.287	- 100	.330	.100	.329	.100	.238
527	112	.120	.242	.180	- 170	.180	.172	. 180	. 154
.605	132	.180	.129	-400	038	.300	.038	.300	-011
.684	143	.250	.051	.500	102	.400	036	.400	048
.724	105	.300	002	.600	122	.500	086	.500	098
. 763	064	- 400	067	.650	064	.600	104	.600	092
. 803	-017	. 500	125	.700	.004	. 650	035	.650	044
.842	-110	•600	145	.750	.081	.700	.021	.700	.002
.921	.176	.650	084	.800	.156	.750	.112	. 750	.107
. 96 l	.180	.700	012	. 900	.218	.800	-182	.800	-195
		. 750	.073	.950	.233				
		.800	.135						
		. 903	. 208						
		.950	.215						





TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = 8.97^{\circ}; C_{L} = 0.854$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731191	•223 <b>-•8</b> 55	0.000484	0.000145	0.000 .010	0.000024
.747335	.346737	.003 -2.295	.010 -2.697	.010 -2.506	.010 -3.038
.763347	.448651	.010 -1.973	.030 -2.368	.030 -2.199	.030 -2.786
.778344	.487533	.020 -2.072	.050 -2.288	.050 -2.091	.050 -1.734
	.527462	.025 -1.860	.100 -1.725	.100 -1.722	.100 -1.164
	.566391	.030 -1.912	.180 -1.068	.180 -1.240	.180852
	.605290	.050 -1.931	.300761	.300 .783	.300643
	.669239	.100 -1.679	.350693	.350668	.350591
	.684216	.120 -1.707	.400640	.400614	.400548
	.724195	.180 -1.348	.450579	.450550	.450524
	.763146	-250 -1-204	.500503	.500496	.500487
	.803116	.300 -1.062	. 550 477	.550457	.550460
	.882184	.350898	.600448	.600410	.600440
	.961123	•400 -•673	.650382	.650361	.650401
		.450663	.700320	.700312	.700370
		.500538	.750281	.990046	.750356
		.550 ~.529	.850170	*****	·850187
		.600451	.950164		.950038
		-650401	1730 -1104		.990 .019
		.700318			.770 .019
		•800 -•241			
		.900142			
		.950130			
		.990110			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	-148 -206	.005 .781	.005 .844	.005 .807	.005 .871
	.222 .141	.025 .786	.025 .796	.025 .806	.025 .740
	.338 .037	.050 .558	.050 .569	.050 .577	.050 .456
	·448052	-100 -312	.100 .359	.100 .359	.100 .280
	•527 -•096	.120 .274	.180 .199	.180 .201	.180 .178
	.605120	-180 -161	.400038	.300 .076	.300 .027
	.684145	.250 .081	.500391	.400019	.400046
	•724 -•106	-300 -013	.600129	.500085	.500082
	.763059	• <b>400</b> - <b>• 359</b>	.650074	.630108	.600086
	•#03 •020	.500117	.700004	-650036	-650043

.700

. 750

.800

.900

.950

-.004

.063

.135

.187

.189

-.036

-012

.104

.650

.700

.750

-.043

.005

-110

.192

.650

.790

.750

.830

.020

.103

.170

.179

.803

.847

.921

.961

.500

.600

-650

.700

- 750

.803

-900 .95) -.117

-.146

-.102

-. 245

.066

.116 .185 .159

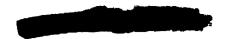


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = 9.80^{\circ}; C_{L} = 0.887$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE	<b>:</b>	
/L CP 31162 47326 63383 78395	X/C CP .223861 .346737 .448646 .487522 .527473 .566393 .605303 .669250 .684224 .724211 .763171 .803143 .882198 .961130	X/C CP 0.000371 .003 -2.346 .010 -1.844 .020 -1.749 .025 -1.690 .030 -1.616 .050 -1.974 .100 -1.472 .120 -1.357 .180 -1.242 .250964 .300989 .350785 .500779 .550779 .550639 .600412 .700419 .800332 .900243 .950215 .990205	X/C CP 0.000210 .010 -2.524 .030 -2.264 .050 -2.150 .100 -1.619 .180 -1.045 .300788 .350581 .400659 .450656 .500577 .550500 .650454 .700497 .750408 .850286 .950242	X/C CP 0.000057 .010 -2.732 .030 -2.175 .050 -2.024 .100 -1.609 .180 -1.190 .300833 .350738 .400657 .450540 .500509 .550456 .600406 .650353 .700343 .990083	X/C CP 0.000135 .010 -3.187 .030 -2.820 .050 -1.871 .100 -1.233 .180885 .300676 .350603 .400565 .457529 .500497 .550468 .600435 .650403 .700363 .750338 .850185 .950069

X/C	CP	X/C	( )	X/C	CP	X/C	CP	X/C	CP
.148	.248	.005	.798	•005	.821	•005	.776	-005	.837
.222	.162	.025	.803	.025	.821	.025	.807	.025	.766
.338	.052	.050	,566	.050	.601	.050	.603	.050	.476
. 448	032	- 100	.323	-100	.386	. 100	.374	-100	.300
.527	082	.123	. 283	.180	.213	.180	.201	-180	. 197
.605	122	.180	.172	- 400	021	.300	.073	-300	- 044
.684	141	.250	.090	.500	111	.400	018	-400	034
.724	103	- 300	.029	.600	139	•500	080	.500	087
. 763	062	.400	362	.650	086	.630	121	-600	093
.803	.013	.500	109	•700	015	.650	036	.650	037
.842	.106	.600	163	.750	.048	.700	.003	<b>.</b> 700	006
.921	.155	.650	112	-800	. 1 30	.750	.085	.750	.094
.961	.171	.703	058	• 900	. 166	.800	.150	.800	. 190
		. 750	.043	•950	.148				
		.800	.068						
		.900	.143						
		. 950	-149						



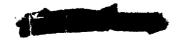
TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(b) M = 0.50 - Concluded

 $\alpha = 10.83^{\circ}; C_{L} = 0.906$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL A GE			WING UPPER SURFACE	<b>!</b>	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C SP
.731219	.223828	0.000471	0.000188	0.000133	0.000263
.747390	.346722	.003 -2.292	.010 -2.708	-010 -2.679	.010 -3.235
.763415	-448620	.013 -2.259	.030 -2.167	.030 -2.559	.030 -2.786
.778365	.487534	.020 -1.971	.050 -1.983	.050 -2.053	.050 -1.834
	.527471	-025 -1-780	.100 -1.114	.100 -1.382	.100 -1.290
	.566 - 410	.030 -1.873	.180922	.180 -1.217	.180 -1.057
	.605319	.053 -1.524	.300772	.300829	.300707
	.669281	-100 -1-056	.350716	.350770	.350697
	.684255	.120 -1.183	.400718	.400671	.400628
	.724228	.180966	.450658	-450594	.450579
	.763195	.250676	.500767	.500533	.500528
	.803176	.300646	.550674	.550493	.550507
	.882253	.350 -1.004	.600586	.600444	.600466
	.961221	.400674	.650541	.650400	.650423
		.450845	.700560	.700366	.700389
		.500781	.750540	.990128	.750353
		.550749	.850442		.850230
		.600744	-950478		.950113
		.650555			.990079
		.700539			
		.800554			
		.900478			
		.950351			•
		.990324			-

x/C	CP	X/C	SP	X/C	CP	X/C	CP	X/C	CP
.148	.274	.005	.758	.005	.826	.005	.740	.005	.800
. 222	.195	. 02 5	-802	.025	.828	.025	.831	.025	.776
.338	.059	.050	.587	.050	.625	.050	.614	.050	-504
.448	621	-100	.362	.100	.410	-100	.403	. 100	.327
.527	083	. 120	.288	.180	.216	.180	.222	.180	. 204
.605	114	.180	.199	-400	017	- 300	.088	.300	.045
.684	171	.250	.091	.500	092	.400	014	.406	022
.724	114	.300	.048	.600	160	.500	073	.500	079
. 763	064	. 400	028	.650	089	. 600	109	.600	090
.803	007	.500	120	.700	039	.650	047	.650	042
. 842	.080	, 600	174	. 750	.026	.700	.001	. 700	005
.921	. 140	.650	145	. 800	.109	.750	- 084	.750	.094
.961	. 130	. 700	036	.900	.141	.800	.150	-800	.178
		.750	016	.950	.079			****	
		.800	.094	,,,,					
		- 900	-0.86						



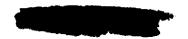


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(c) M = 0.60

 $\alpha = -2.06^{\circ}$ ;  $C_{\tilde{L}} = -0.160$ 

			-		
	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSFL AGE			WING UPPER SURFACE	E	
/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
31261	.223207	0.000 .946	0.000 .940	0.000 .697	0.000 .832
÷7 <b></b> 328	.346267	.003 .777	.010 .188	.010 .312	.010 .328
63370	.448262	-010 -112	.030100	.030076	.030135
78366	.487248	.020138	.050125	.050159	.050203
1	-527226	.025156	.100197	.100173	.100165
1	•566 <b>-</b> •195	.030227	.180 284	.180243	.180202
	.605143	.050246	.300279	.300276	.300224
•	.669129	.100259	.350285	.350276	.350232
	.684137	-120762	.400289	.400279	.400726
	.724145	.180247	.450306	.450285	.450242
	.763097	. 250 270	.500304	.500288	.500237
	.803078	.300278	.550303	.550299	.550240
	.882211	.350274	.600304	.600296	.600252
	.961175	.400276	.650295	.650288	.650246
		.450284	.700270	.700266	.700245
		.500289	.750236	.990 .113	.750261
		.550300	.850114	*****	.850117
		.600298	.950 .044		.950 .020
		.650283			.990 .092
*		.700270			• • • • • • • • • • • • • • • • • • • •
		.800166			
		.900054			
		.950 .034			
		.990 .112			

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	294	-005	.165	.005	.387	-005	.013	.005	151
•222	315	•025 -1	1.347	.025	936	.025	857	.025	674
.338	384	.050 -	813	- 050	857	.050	830	.050	811
.448	404	•100 ·	750	.100	683	.100	654	-100	529
.527	414	.120	692	. 180	586	.180	572	.180	403
•605	376	.180 -	5 96	-400	473	.300	468	. 300	378
. 684	350	.250 -	544	.500	424	.400	433	.400	376
.724	279	. 300 -	522	.600	347	. 500	391	.500	341
. 763	1 95	.400 -	492	.650	232	.600	306	.600	259
.803	090	.500 -	450	.700	104	.650	187	.650	168
.842	-019	•60¢ -	376	. 750	.003	.700	079	. 700	076
.921	.108	.650 -	263	.800	. 102	.750	.037	.750	.048
. 96 l	. 1 25	.700 -	140	.900	. 198	. 800	.121	.800	.148
		.750 -	016	. 950	.223		****	*****	
		.800	.062						
		.900	.176						
		• 950	-201						





(c) M = 0.60 - Continued

 $\alpha = -1.08^{\circ}; C_{L} = -0.057$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	K/C CP
.731282	.223 ~.283	0.000 .967	0.000 .964	0.000 .930	0.000 -923
.747337	.346316	.003 .601	.010122	.010 .027	.010 .202
.763374	.448305	.010128	.030341	.030284	.030294
.778341	.487280	.020396	.050286	.050311	.050352
	.527255	.025 ~.445	.100332	.100279	.100269
	.566219	.030449	.180349	.180309	.18C257
	.605161	.050398	.300339	.300326	.300275
	.669144	•100 <b>-•</b> 362	.350324	.350320	.350252
	.684150	.12036Z	.400348	.400319	.400275
	.724157	.180316	.450343	.450325	.450271
	.763113	.250336	.500 ~.340	.500324	.500271
	.803087	.300331	.550337	.550324	.550278
	.882218	.350336	.600333	.600326	.600279
	961177	.400325	.650318	.650312	.650266
		.450320	.700291	.700284	.730260
		.500 ~.342	.750245	.990 .111	.750269
		.550330	.850120		.850123
		.600327	.950 .042		.950 .020
		.650303			.990 .095
		.700290			
		.800200			
		.900058			
		.950 .333			
		.990 .115			

### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	245	.005	.332	•005	. 296	.035	-176	.005	. 151
.222	271	.025	697	.025	565	.025	501	.025	500
.338	339	.050	630	.050	613	.050	586	.050	646
.448	365	.100	620	. 100	543	.100	520	-100	425
.527	384	-120	561	.180	484	.180	480	. 180	320
.605	354	.180	502	.400	428	-300	407	. 300	333
.684	342	. 250	472	•500	404	.400	7	.400	341
. 724	269	.300	466	.600	334	.500	363	.500	328
.763	189	.400	443	.650	222	.630	288	.600	-,243
.803	080	.500	420	.700	099	.650	171	-650	167
. 842	.027	.600	354	.750	.011	. 700	070	.700	073
.921	.111	.650	~. 253	.800	.110	.750	.042	.750	.056
.961	.127	.700	132	.900	.205	.800	.129	. 900	.157
		.750	010	.950	.228				
		.800	.075						
		. 900	. 186						
		.950	. 208						

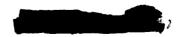




TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = -0.05^{\circ}; C_{L} = 0.051$ 

		BAL MOITATZ	STATION .402	STATION .595	STATION .775	STATION .913
FUSE	EL AGE			WING UPPER SURFACE	•	
/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
31	254	.223335	0.000 .967	0.000 .985	0.000 .971	0.000 .952
47	340	.346359	.003 .413	-010444	-010153	.310056
63	374	.448344	.010490	.030562	.030482	.030495
78	371	.487313	.020707	.050444	.350455	.050479
		.527280	.025 ~.731	.103440	.100410	.100354
		.566236	.033649	.180432	.180387	.180321
		.605175	.050 ~.58R	.300414	.300395	.300323
		.669156	.100490	.350391	.350368	.350308
		.684159	.120483	-400379	.400374	.400292
		.724161	.180400	.450382	.450365	.450301
		.763123	.250390	.500371	.500345	.500300
		.803095	.300380	.550366	.550353	.550303
		.882221	.350 ~.376	.600357	.600349	.600300
		.961174	.400361	.650335	.650331	.650262
			.450365	.700311	.700307	.700282
			.500354	.750264	.990 .110	.750286
			.550351	.850133		.850133
			.600345	.950 .036		.950 .016
			.650321			.990 .088
			.700302			
			.800203			
			.900060			
			.950 .033			
			.990 .113			
			. 770			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	178	.005	.585	- 005	. 550	.005	.510	.005	. 393
.222	219	.025	458	.025	296	.025	336	.025	229
.338	2 98	.050	424	.050	396	.050	402	.050	458
. 448	330	.160	488	.100	419	.100	391	.100	335
.527	353	.120	456	. 180	400	.180	387	-180	257
. 405	330	.180	433	.400	~.370	.300	350	. 300	287
-684	315	. 250	~.409	.500	361	.430	341	.400	298
. 724	244	-300	406	.600	310	.500	-,336	.500	290
.763	177	-400	394	.650	197	.600	263	-600	228
.803	070	.500	394	.700	086	.650	160	.650	142
.842	.035	-60C	332	. 750	.023	. 700	057	.700	060
. 92:	.123	.650	227	.800	.118	.750	.058	.750	.064
.961	.136	.700	121	- 903	.220	.830	.139	.800	.167
		.750	.001	.950	.239				
		. 800	.085						
		.900	.1 92						
		.950	.219						

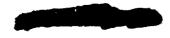


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = 0.93^{\circ}; C_{L} = 0.154$ 

ION .4	•402	MCITATZ	. 595	STATION	.175	STATIO	N .913
		WING UPPE	R SURFAC	: <b>E</b>			
C CF	CP	X/C	CP	X/C	CP	X/C	CP
0 .94	.942	0.000	.965	0.000	.976	0.000	.950
3 .13	.131	.010	671	.010	517	.010	254
786	869	.030	842	.030	721	.030	714
0 -1-12	1-120	- 0 50	648	.050	608	-050	632
5 -1.06	1.066	.100	577	.100	524	-100	442
089	898	.180	533	.180	467	.180	379
080	805	.300	463	.300	450	.300	357
061	615	. 350	435	.350	418	.350	341
359	591	.400	426	.400	416	. 400	333
048	481	.450	416	.450	399	.450	328
046	467	.500	404	. 500	387	.500	322
043	438	.550	396	.550	382	.550	329
0 ~.41	~.413	. 600	383	.600	367	.600	324
040	4 05	.650	358	.650	354	-650	301
039	- •3 96	.700	323	.700	318	.700	29 2
0 -439	- , 398	.750	276	.990	-108	.750	300
038	388	.850	129			.850	133
037	371	.950	.037			.950	.019
034	341					.990	.088
031	316						
021	210						
	061						
	.029						
	.111						
95	900 950 990	950 .029	950 •029	950 •029	950 •029	950 •029	950 •029

X/C	CP	X/C	CP	X/C	CP	X/C	CP	×/C	CP
.148	129	. 005	.707	•005	.652	.005	.642	.005	.514
.222	178	• 02 5	184	.025	140	.025	081	.025	077
.338	265	•050	2 64	.050	242	.050	232	.050	307
.448	297	• 100	367	.100	288	.100	289	-100	249
. 52 7	317	•120	~.354	.180	324	.180	315	.180	209
.605	310	-180	375	. 400	330	.300	309	.300	248
.684	302	-250	350	.500	327	.400	310	.400	272
.724	228	• 30 0	360	-600	282	-500	308	•500	267
. 763	156	.400	364	.650	178	. 600	250	.600	205
.803	062	•500	370	.700	~.071	.650	145	.650	127
.842	.044	.602	312	.750	.029	.700	046	.700	052
• 921	• 1 26	•650	210	.800	.131	.750	.070	.750	.069
. 961	.140	. 700	107	.900	.224	.800	-150	.800	.173
		. 750	.011	.950	.244				
		.800	.094						
		• 900	-194						



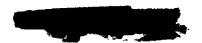


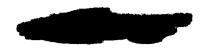
TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = 1.45^{\circ}; C_{L} = 0.210$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSFLAGE			WING UPPER SURFACE	<u> </u>	
/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
31262	.223439	0.300 .935	0.000 .940	0.000 .974	0.000 .942
47342	.346432	.003319	.010903	.010690	.010408
63383	.448402	.010 -1.117	.030881	.030933	.030785
78339	.487355	.020 -1.277	.050732	.050707	.050723
	.527316	.025 -1.329	.100649	.100600	.100502
	•566 <b>-•26</b> 6	.030 -1.185	.180570	.180541	.180 <b>407</b>
	.605196	.05)998	.300491	.300478	.300391
	.669170	.100695	.350462	.350449	.350368
	.684171	.120641	.400442	.430434	.400348
	.724172	.180534	.450442	.450419	.45035l
	.763125	.250485	.500423	.500400	.500343
	.803103	.300465	.550407	.550393	.550338
	.882222	.350450	.600390	.600385	.600334
	.961165	.400425	.650362	.650363	.650316
		.450416	.700330	.700327	.700307
		.500405	.750281	.990 .107	.750310
		.550392	.850136		.850145
		.600381	.950 .039		.950 .012
		.650345			.990 .084
		.700322			
		.800214			
		.900056			
		.950 .037			
		.997 .112			
		. ,			

X/C	CP	X/C	C P	X/C	CP	X/C	CP	X/C	CP
.148	096	• 005	.793	.005	.741	.005	.727	.005	.643
. 222	156	. 025	071	.025	013	.025	.019	.025	.029
.338	227	• 05 0	161	.050	197	.050	108	.050	250
.448	281	.100	323	.101	239	.100	220	•100	200
.527	301	.120	293	.180	262	.180	265	- 180	166
.605	285	. 180	298	.400	311	-300	265	.300	232
. 684	292	.250	319	.500	309	-400	291	-400	247
.724	225	.300	320	-600	277	•520	288	•500	254
.763	149	-400	338	.650	176	.600	238	-600	200
.803	043	.500	336	.700	265	.650	129	.650	123
-842	. 054	.600	297	.750	.047	.700	042	.700	046
.921	.135	.650	20/2	.800	.138	.750	.071	.750	.084
.961	-150	.700	101	.900	.231	.800	.154	-800	.178
		.750	.015	.950	.249				
		.800	-101						
		.900	. 204						
		.950	.230						





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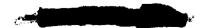
### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

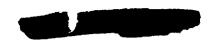
(c) M = 0.60 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.262$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	Ε	
X/L CP	X/C CP	X/C SP	X/G CP	X/C CP	X/C CP
.731276	.223474	0.000 .337	0.000 .894	0.000 .948	0.000 .938
.747345	.346474	-003171	.010 -1.157	.010 + .920	.310497
.763384	.448433	-010 -1-326	.030 -1.082	.030 -1.029	.030851
.778335	.487375	.023 -1.607	.050933	.050840	.050811
	.527 ~.334	.025 -1.515	.100711	-100664	.100538
	.566282	.030 -1.319	.180636	.18057C	.180449
	.605207	.050936	.300519	.300503	.300403
	.669181	-100 764	.350493	.350476	.350392
	.684180	.120697	.400481	.400448	.400377
	.724174	.189559	.450462	.450429	.450367
	.763134	.250516	.500444	.500414	-500360
	.803110	.300493	.550423	.550405	.550353
	.882226	.350470	.600408	.600394	.600350
	.961164	.400440	-650380	.650367	.650324
		.450431	.700342	.700336	.700314
		.500 ~.415	.750290	.990 .106	.750316
		•550 <b></b> 401	.850138		.850149
		.600389	.950 .032		.950 .010
		.650 ~.352			.990 .OH6
		.700327			
		.800 ~.215			
		.900059			
		.950 .034			
		.990 .109			

X/C	CP	X/C	Ĉ₽.	X/C	CP	X/C	CP	X/C	CP
.148	069	.005	.854	• 005	.837	.005	.815	.005	-685
• 222	121	.025	.035	.025	.101	.025	.133	.025	.088
.338	206	.050	101	.050	098	.050	370	.050	216
.448	259	.100	246	-100	148	-100	165	.100	152
.527	292	.120	235	.180	226	.183	220	.180	144
.605	290	.180	266	.400	297	•300	238	.300	205
.684	279	. 250	276	.500	295	.400	267	.400	241
.774	213	.300	296	.600	264	.500	271	.500	237
.763	142	.400	321	.650	165	.630	228	.600	192
-803	050	.500	323	.700	056	.650	122	.650	117
.842	.051	.600	2 84	.750	•045	. 700	033	.700	041
.921	.134	.650	192	.800	.141	.750	.074	.750	.081
• 961	.152	.700	088	.900	.232	.800	.162	.800	.182
		. 750	.026	.950	.250				
		.800	.105						
		•900	.207						
		• 950	.227						





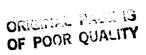
(c) M = 0.60 - Continued

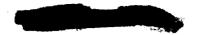
 $\alpha = 2.47^{\circ}; C_{L} = 0.315$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	<b>!</b>	
K/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
73 L	271	.223503	0.000 .795	0.000 .849	0.000 .930	0.000 .904
747	344	.346495	.003 +.325	.010 -1.389	.0:0 -1.079	.010708
763	388	.448451	.010 -1.538	.030 -1.298	.030 -1.236	.030 -1.051
778	339	.487388	.020 -1.853	.050995	.050923	.050904
		.527343	.025 -1.766	-100 773	.100722	.100577
		.566287	.030 -1.671	.180674	.180613	-180466
		.605212	.050 -1.005	.300557	.300538	-300432
		-669190	-100836	.350509	.350499	.350400
		.684180	.120782	.400496	.400475	.400387
		.724180	.180633	.450473	.450463	.450376
		.763136	.250571	.500453	.500439	.500371
		.803103	.300518	.550433	.550419	.550365
		.882218	.350494	.600415	.600405	.600355
		.961160	.400455	.650387	.650375	.650334
			.450444	.700348	.700336	.700326
			.500431	.750286	.990 .104	.750318
			.550419	.850135		.850152
			.600400	.950 .036		.950 .012
			.650362	***************************************		.990 .085
			.700331			0,,,0
			.800217			
			.900059			
			.950 .036			
			.990 .106			
			3775 1130			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	047	.005	.889	-005	-870	.005	.859	-005	. 758
.222	105	.025	-127	.025	. 196	•025	.198	-025	- 196
.338	190	.050	036	.050	.012	-050	.019	.050	097
.448	233	.160	199	.100	102	.100	115	-100	107
• 5 27	273	.120	183	. 180	191	.180	188	-180	121
-605	271	.180	215	.400	266	.300	208	- 300	192
.684	273	• 250	242	.500	279	-400	242	-400	222
.724	2 02	.300	258	.600	251	• 500	249	.500	231
.763	127	.400	287	-650	157	.600	215	.600	182
.803	034	•500	310	• 700	042	.650	119	.650	113
.842	-062	-600	268	.750	.055	.700	026	.700	034
• 92 1	•140	. 650	189	.800	. 148	. 750	.079	. 750	-085
-961	.157	. 700	083	•900	.235	.800	.163	-800	.184
		.750	•030	• 950	•25l				
		. 800	-116						
		• 900	.214						
		• 950	<b>-</b> 230						







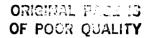
(c) M = 0.60 - Continued

 $\alpha = 2.93^{\circ}; C_{L} = 0.362$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS FL AGE			WING UPPER SURFACE	:	
X/L CP	X/C CP	X/C CP	X/C CP	X/G CP	X/C CP
•731 <b>-</b> •262	.223524	0.000 .723	0.000 .811	0.000 .891	0.000 .899
.747342	.346515	.003416	.010 -1.560	-010 -1.232	.010851
.763385	.448469	.010 -1.782	.030 -1.468	-030 -1.466	.030 -1.197
.778383	.487 ~.397	.020 -2.079	.050971	.050 -1.030	.050 ~.99l
	•527355	.025 -1.958	.100838	.130768	-100626
	.566293	.030 -1.838	.180727	.180643	.180528
	.605222	.050 -1.328	.300573	<b>.</b> 300 <b>55</b> 1	.300453
	.669188	.100878	.350531	.350520	.350421
	.684186	.120 <b>~.</b> 826	.400515	.400493	.400408
	•724 -•186	.180648	.450492	.450463	.4504C1
	.763141	.250581	.500474	.500441	.500391
	.803111	-300544	.550445	.550428	.550377
	.882213	.350506	.600427	.600411	.600371
	.961157	.400475	.650395	.650 ~.382	.650347
		.450458	.700352	.700342	.700337
		.500444	.750294	.990 .100	.750329
		.550428	.850130		.850154
		.600403	.950 .035		.950 .004
		.650365			.990 .078
		.700332			• > > • • • • • • • • • • • • • • • • •
		.800218			
		.900053			
		.950 .037			
		.990 .105			
		****			

X/C	CP	x/c	CP	X/C	CP	X/C	CP	X/C	CP
.148	033	. 205	•920	-005	.894	- 005	. 899	.005	.787
.222	089	.025	.180	-025	.248	.025	-258	.025	.249
.338	~.180	.050	.055	.050	. 053	.050	.084	.050	052
. 448	228	.100	154	-100	074	. 100	060	.100	079
.527	266	.120	144	. 183	158	.180	161	.180	087
.605	257	.180	187	.400	259	.300	182	. 300	158
. 684	257	· 25 0	225	.500	260	. 400	232	.400	212
.724	200	. 300	239	.600	241	-500	236	.500	214
. 763	134	.400	269	. 650	148	.600	206	.600	178
.803	032	.500	293	-700	044	.650	113	-650	104
. 842	.064	. 600	263	.750	.053	. 700	022	.700	034
.921	.144	.650	174	.800	.147	.750	-085	.750	.085
.961	.156	.700	076	.900	.240	.800	.164	.800	.184
		. 750	.036	.950	.255		****		• • • • •
		.800	-116						
		-900	.216						
		•950	.231						







### (c) M= 0.60 - Continued

 $\alpha = 3.96^{\circ}; C_{L} = 0.464$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
HUSELAGE			WING UPPER SURFACE	Ē	
/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
31256	.223603	0.000 .607	0.000 .679	0.000 .806	0.303 .801
47333	.346560	.003724	.010 -1.939	.010 -1.611	.010 -1.159
63373	.448507	.010 -2.018	.030 -1.937	.030 -1.827	.030 -1.457
78378	.487429	.020 -2.405	.050 -1.514	.050 -1.457	.050 -1.157
	.527373	.025 -2.269	.100949	.100892	.100724
	.566313	.030 -2.221	.180778	.180741	.180561
	.605229	.050 -1.768	-300614	.300607	.300481
	.669205	.100965	.350575	.350562	.350458
	.684196	.120889	.400540	.4 )0527	.400434
	.724188	.180729	.450525	.450499	.450428
	.763141	.250649	2500490	.530472	.500410
	.803119	.300594	.550464	.550453	.550404
	.882214	.350549	.600437	.600425	.600389
	.961155	.400511	.650400	.650397	.650360
		.450486	.700357	.700351	.700349
		.500471	.750294	.990 .089	.750343
		.550440	.850131		.850158
		-600421	.950 .029		.950 .002
		.650374			•990 •076
1		.700344			
		.800217			
		.900061			
:		.950 .023			
:		.990 .393			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	.015	.005	.957	.005	.951	.005	.945	•005	.878
.222	040	.025	.360	.025	.415	. 025	.412	.025	.376
.338	133	.050	-155	.050	.165	•050	.176	.050	.052
.448	197	.100	348	.100	.015	.100	.035	.100	014
.527	232	.120	066	. 180	074	.180	078	-180	030
.605	226	.180	124	.400	214	.300	145	. 300	130
.684	233	. 250	154	.500	226	•400	190	-400	182
.724	1 74	.300	192	.600	214	.530	212	.500	193
.763	118	-400	222	.650	128	•600	186	-600	157
.803	019	.500	259	.700	034	•650	096	.650	093
.842	.078	.600	245	.750	.067	.700	015	.700	029
.921	.157	.650	160	.800	.159	.750	.093	. 750	.095
.961	.162	.700	062	.900	.245	.800	.169	.800	.192
		.750	• 342	.950	.257		•••	,,,,	** **
		.800	.121	•					
		.900 .900 .950	.121 .226 .232						

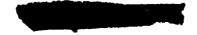




TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = 4.97^{\circ}; C_{L} = 0.565$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731240 .747340 .763368 .778372	X/C CP .223677 .346625 .448551 .487462 .527400 .566331 .605246 .669214 .684198 .724184 .763151 .803118 .882211 .961145	X/C CP 0.000 .451 .003992 .010 -2.227 .020 -2.209 .025 -2.119 .030 -2.246 .050 -2.016 .100 -1.440 .120 -1.140 .180798 .250663 .300618 .350572 .400538 .450507 .500480 .550480 .550454 .600421 .650377 .700338 .50215 .900215 .900263 .950 .018	X/C CP 0.000 .598 .010 -2.226 .030 -2.211 .050 -2.215 .100 -1.129 .180 -854 .300 -674 .350 -618 .400578 .450545 .500 -513 .550 -483 .600447 .650403 .700352 .752289 .850130 .950 .026	X/C CP 0.000 .714 .010 -1.888 .030 -2.196 .050 -1.907 .100 -1.119 .180788 .300641 .350590 .400551 .450519 .500 -485 .550462 .600430 .650395 .700351 .990 .076	X/C CP 0.000 .727 .010 -1.409 .030 -1.796 .050 -1.343 .100804 .180646 .300539 .350505 .400476 .450458 .500441 .550432 .600412 .650376 .700365 .750352 .850168 .950005 .990 .072

x/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
.148	.077	• 005	.964	.005	. 966	.005	.963	.005	.911
.222	002	• 02 5	.487	.025	. 530	. 025	.527	.025	.477
.338	~.095	.050	.276	.050	.273	.050	.285	.050	.143
.448	163	.100	.344	.100	. 291	.100	.117	.100	.045
. 5 27	197	-120	.025	.180	008	. 180	012	.180	.015
.605	213	-180	354	.400	157	.300	100	.300	093
.684	213	.250	104	.500	201	.400	146	. 400	146
. 724	153	. 300	~ .142	.600	193	.500	187	.500	170
.763	106	-400	195	.650	107	.630	172	.600	141
.803	012	•500	220	.700	022	.650	078	.650	079
.842	.087	.600	215	. 750	.071	.730	004	.700	020
.921	.163	. 650	139	.800	.163	. 750	.100	.750	.098
.961	.170	.700	048	• 900	. 245	.830	.178	.800	. 195
		. 750	.059	.950	.259				
		- 800	<b>-</b> 1 30						
		.900	.227						
		. 95 0	.240						



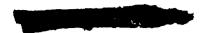


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

 $\alpha = 5.97^{\circ}; C_{L} = 0.655$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	ŧ	
(/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
731248	.223747	0.000 .291	0.000 .481	0.000 .593	0.000 .596
747315	.346677	.003 -1.220	.010 -2.403	.010 -2.064	.010 -1.679
'63 <b></b> 368	.448595	-010 -2.044	.030 -2.480	.030 -2.192	.030 -2.055
78324	.487489	.020 -1.967	.050 -2.453	.050 -1.969	.050 -1.870
	•527 -•422	.025 -1.968	-100 -1-514	.100 -1.553	.100921
	.566347	.030 -1.902	.180955	.180901	-180710
	.605251	.050 -1.888	.300707	.300670	.300583
*	.669216	.100 -1.731	.350643	.350613	.350540
	.684205	.120 -1.585	.400595	.400572	.403504
	.724188 .763141	.180 -1.095 .250766	.450557 .500515	.450530 .500489	.450 ~.489 .500 ~.459
	.803125	.300676	.550481	.550461	.550450
	.882199	.350601	.600437	.630429	.600423
	.961127	.400552	.650387	•650 -•392	.650390
	• / • • • • • • • • • • • • • • • • • •	.450509	.700336	.700337	.700365
		.500479	.750263	.990 .060	.750351
		.550450	.850122		.850171
		.60C411	.950 .020		.950008
		.650369			.990 .059
		.700334			
		.800211			
		.900074			
		.950 .005			
		-990 -058			
			WING LOWER SURFACE	<b>:</b>	
	X/C CP	X/C SP	X/C CP	X/C CP	X/C CP
	.148 .109	.305 .949	.005 .975	.005 .956	.005 .937
	. 222 .041	.025 .578	.025 .619	.025 .612	.025 .574
	.338064	.050 .344	.050 .388	.050 .381	.050 .244
	-448136	.100 .123	.100 .187	.100 .190	.100 .129
	.527177	.120 .387	.180 .051	.180 .049	.180 .055
;	.605194	.180 .009	.400130	.300055	.300062
1	.684207	.250058	.500170	-400112	.400125
	.724151	.300105	.600177	.500153	.500145
	.763092	.400159	.650098	.600149	.600130
3	.803005	.500200	.700305	.650064	.650069
1	.842 .094	.600195	.750 .078	-700 -009	.700007
	.921 .167	.650127	.800 .168	.750 .105	.750 .104
	.961 .172	.700042	.900 .252 .950 .260	.800 .181	.800 .200
		.750 .060	.950 .260		



.800 .900 .950



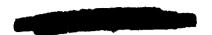
(c) M = 0.60 - Continued

 $\alpha = 6.97^{\circ}; C_{L} = 0.729$ 

	STATION . 148	STATION .402	STATEON .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	<u>:</u>	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731254	.223803	0.000 -171	0.000 .367	0.000 .497	0.000 .485
.747334	.346715	.003 -1.376	.010 -2.297	.010 -2.180	.010 -1.853
.763375	.448622	-010 -1-777	.030 -2.297	.030 -2.166	.030 -2.194
.778327	.487504	.020 -1.802	.050 -2.118	.350 -2.678	.050 -2.067
	.527437	.025 -1.630	-100 -1-769	-100 -1.688	.100 -1.214
	.566359	.030 -1.685	.190 ~1.150	.180 -1.178	.180804
	.605265	.050 -1.702	.300750	.300738	.300612
	.669225	.130 -1.778	.350655	.350643	.350556
	.684210	.120 -1.713	.400598	.400580	.400519
	.724194	.180 -1.382	.450546	.450528	.450496
	.763156	.250 -1.013	-500500	.500485	.500470
	.803125	.300785	.550453	.550451	.550453
	.882204	.350684	-600416	.630407	.600432
	.961128	.400575	.65036l	.650357	.650393
•		.450523	.700310	.700315	.700368
		.500471	.750253	.990 .019	.750354
		.550432	.850130		.850174
		.600396	.950012		.950016
		.650338			.990 .039
		.700310			
		.800205			
		.900085			
		.950327			
		.990 .017			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	-150	- 005	.940	.005	.959	.005	.955	.005	.923
•222	.076	• 02 5	-648	.025	.682	.025	.674	.025	.622
.338	021	.050	.403	.050	. 444	.050	.444	.050	.312
-448	109	. 100	-174	.100	.252	.100	. 242	.100	. 164
.527	152	.120	. 145	.180	.104	.180	.017	.180	. 104
.605	164	.180	-057	•400	098	.300	016	.300	033
-684	183	.250	208	.500	148	.400	089	.400	095
.724	135	• 300	053	.600	162	.500	136		
								. 500	129
• 763	083	- 400	129	.650	093	• 600	142	-600	120
.803	.011	<b>.</b> 500	175	.700	008	.650	060	•650	063
.842	.099	•600	~.185	. 750	.078	.700	.006	.700	011
.921	.169	-650	125	.800	-160	.750	.099	.750	-105
. 961	.175	. 700	041	.900	. 236	.800	. 171	.800	.195
		.750	.062	. 950	.236	*****	••••		****
		.800	.131	•					
		.900	.220						
		• 950	-220						





1%

TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(c) M = 0.60 - Concluded

 $\alpha = 7.96^{\circ}; C_{L} = 0.791$ 

	STATION . 148	STATION .402	STATION .595	STATEON .775	STATION .913
USEL AGE			WING UPPER SURFACE		
'L CP	X/C CP	X/C SP	X/G CP	X/C CP	X/C CP
31250	.223859	0.000 .074	0.000 .267	0.000 .414	0.000 .387
+7333	.346760	.003 -1.552	.010 -2.126	.010 -2.023	.010 -1.976
<b>53369</b>	.448663	-010 -1.462	.030 -2.011	.030 -1.917	.030 -1.827
78370	.487539	.020 -1.469	.050 -1.899	.050 -1.827	.050 -1.618
	.527463	.025 -1.525	.100 -1.760	.100 -1.742	.100 -1.444
	.566382	.030 -1.502	.180 -1.386	.180 -1.351	-180 -1-015
	-605281	.050 -1.486	.300840	.300814	.300655
	.669240	.100 -1.392	.350770	.350723	-350596
*	.684224	.120 -1.633	-400650	.400620	.400552
	.724208	.180 -1.381	.450568	.450534	.450 ~.506
	.763167	.250 -1.217	-500502	.500482	.500478
	.803126	.300999	.550454	.550427	.550461
	-882203	.350777	.600386	.630378	.630429
	.961128	-400697	.650337	.650345	.650387
		.450566	.700 293	.700208	.700364
		.500502	.750237	.990030	.750333
		.550426	.850151		.850182
		.600378	.950079		.950046
		.650341			.990 .004
		.700296			*****
		.800207			
		.900119			
		.950071			
4		.990043			
		**************************************			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	. 192	.005	.918	.005	.933	.005	.929	.005	.915
.222	-101	.025	.718	.025	. 709	.025	.729	.025	. 651
.338	013	.050	.479	.050	.509	.050	.503	.050	. 362
.448	076	.100	. 238	.100	.299	-100	. 290	.100	. 204
. 527	125	.120	.192	-180	.122	. 180	.119	.180	.112
.605	148	.180	.093	.400	077	.300	.005	.300	009
.684	173	.250	.013	.500	136	.400	084	. 400	083
.724	129	.300	023	.600	167	.500	128	.500	125
. 763	079	-400	104	-650	099	.600	149	.600	124
.803	•006	.500	170	.700	015	.650	070	.650	066
.842	.102	.600	184	.750	.065	.700	009	.700	014
. 92 1	.174	.650	111	.800	.146	.750	.094	.750	.098
.961	-175	. 700	334	.900	.212	.800	.169	.800	. 193
		.750	. 363	.950	.210				
		.800	.137						
		.900	.206						
		.950	.205						



(d) M = 0.70

 $\alpha = -2.09^{\circ}$ ;  $C_L = -0.183$ 

		STATEO	N .148	OTTATO	N .402	STATIO	N .595	STATIO	N .775	STAT (0	N .913
FUS	EL AGE					WING UPP	ER SURFACE	<u> </u>			
X/L	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP	X/C	C.P.
. 731	275	.223	208	0.000	.981	0.000	. 962	0.000	.927	0.000	. 872
.747	355	.346	271	.003	.777	.010	. 185	.010	.289	-010	. 381
. 763	399	.448	264	.010	.124	.030	090	. 0 30	117	.030	097
.778	338	.487	2 48	.020	142	.050	111	.050	143	.050	231
		.527	216	. 02 5	L44	. 100	207	.100	187	.100	196
		.566	173	.030	213	.180	274	.180	254	- 183	209
		.605	118	. 050	257	.300	302	. 300	296	-300	238
		.669	106	.100	280	.350	311	.350	338	.350	250
		.684	132	.120	284	. 400	317	.400	316	.400	246
		.724	159	.180	255	.450	325	.450	321	.450	254
		.763	113	. 250	274	.500	330	.500	318	.500	261
		.803	098	. 300	284	.550	326	. 550	323	.550	267
		.882	243	.350	292	.600	330	.600	329	.600	272
		.96	192	.400	294	. 650	323	.650	318	.650	264
				.450	304	.700	295	.700	293	.700	265
				.500	314	.750	255	.990	.134	.750	28 3
				.550	321	.850	112			-850	117
				.600	327	.950	-061			. 950	.037
				.650	304					. 990	.11?
				.700	293						
				.800	199						
				. 900	347						
				.950	.050						
				.990	-131						
					-						

X/C	CP	X/C	CP	x/C	CP	x/C	CP	x/C	CP
.148	304	.005	.242	.005	.163	.005	.068	.005	085
.222	346	.025	975	.025	864	.025	815	.025	718
.338	415	.050	-1.020	.050	-1.049	.050	878	.050	-1.048
.448	451	.100	855	.100	847	.100	802	.100	580
.527	475	.120	800	.180	670	.180	661	.180	447
.605	423	.180	671	.400	535	.300	516	- 300	427
. 684	394	. 250	620	.500	466	.400	485	.400	425
.724	293	. 300	590	.600	364	.500	431	.500	376
.763	200	.400	548	. 6 50	221	.600	318	.600	274
.803	085	.500	511	.700	092	.650	187	.650	173
. 842	-016	.600	403	. 750	.023	.700	070	.700	065
.921	-109	.650	269	.800	-109	.750	.049	. 750	.062
.96 L	.128	.700	135	.900	.199	.800	.131	. 800	.156
		.750	011	. 950	.226		••••		
		.800	.364		****				
		• 900	.175						
		.950	-204						





TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(d) M = 0.70 - Continued

 $a = -1.07^{\circ}; C_{L} = -0.067$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	•	
/L CP 31286 '47364 '63395 '78339	X/C	X/C CP 0.000 1.005 .003 .644 .010095 .020374 .025411 .030424 .050413 .100390 .120413 .180333 .250341 .300345 .350344 .500346 .500351 .600351 .650323 .700310 .800210 .900048 .950 .051	X/C CP 0.000 1.002 .010053 .030317 .050267 .100331 .180387 .300373 .350373 .400373 .450373 .450370 .600365 .650345 .700315 .750264 .850115 .950 .061	X/C CP 0.000 .974 .010 .093 .030282 .050289 .100347 .300347 .300357 .400360 .500350 .500351 .550356 .600353 .650338 .700308 .990 .132	X/C CP 0.000 .942 .010 .238 .030319 .050344 .100277 .180285 .300292 .350299 .400292 .450292 .550297 .550299 .600300 .650283 .700283 .750283 .750283 .750290 .850118 .990 .116

X/C	CP	X/C	CP	x/C	CP	x/C	CP	X/C	CP
.148	230	. 30 5	-402	.005	. 3 38	-005			
-222	293						-285	.005	.157
		.025	712	.025	584	.025	533	.025	510
.338	364	.050	698	•050	703	.050	644	.050	721
.448	412	.100	701	.100	650	-100	630	-100	497
527	431	.120	647	.180	572				
.605	401					.180	557	- 180	383
		. 180	568	-400	-• <del>4</del> 86	.300	460	.300	371
. 584	370	-250	531	-500	442	- 400	435	.400	387
.774	276	.300	521	-600	355	-500	404	-500	-
.763	185	•400	491	.650	219				351
.803	078					.600	302	- 600	259
		.500	473	.700	085	.650	176	.650	162
. 842	- 033	.600	376	.750	.024	.700	057	.700	063
.921	-128	.650	247	. 80 2	.120	.750	.061		
.96L	-149	. 700	119	.900				• 75 0	.066
• • • •					-217	. 800	.144	.800	-167
		.750	•003	.950	. 241				
		.800	.084						
		. 900	.196						
		.950							
		• 770	.220						



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TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(d) M = 0.70 - Continued

 $\alpha = -0.04^{\circ}; C_{L} = 0.048$ 

8 STATION .402	STATION .595	STATION .775	STATION .913
	WING UPPER SURFACE	E	
X/C CP	X/C CP	X/C CP	X/C CP
0.000 1.004	0.000 1.011	0.000 .999	9.000 .972
.003 .453	.010338	.010183	.010 .045
.010470	.030574	.030523	.030475
.020734	.050460	.050495	.050 ~.509
.025745	.100484	.100425	.100387
.030755	.180502	.190441	.180355
.050665	.309436	.330431	.300343
.100542	.350419	.350420	.35032A
.120539	.400415	.430412	.400330
.180438	.450414	.450399	.450324
.250411	.500408	.500383	.500325
.300406	.550403	.550388	.550330
. 350390	.600395	.600375	.600330
-400378	.650 ~.366	.650360	.650307
.450379	.700331	.700320	.700303
.500383	.750274	.990 .131	.750305
.550381	.850119		.850129
.600381	.950 .057		.950 .C34
.650 344			.990 .110
.700328			
.800211			
.900046			
	.900046 .950 .052	.900046 .950 .052	.900046 .950 .052

X/C	CP	X/C	S P	X/C	CP	x/C	CP	X/C	CP
-148	171	.005	.605	.005	.563	.005	.508	.005	. 391
.222	226	.025	415	.025	324	.025	263	.025	287
. 338	312	. 05 0	430	.050	456	.050	401	.050	564
.448	364	-100	538	.100	479	.100	450	.100	3 92
.527	397	- 120	513	-180	~.459	.180	453	.180	30 7
.605	370	.180	454	.400	441	.300	368	.300	323
.684	~.353	.250	446	.500	411	.400	394	.400	345
.724	269	.300	454	.600	335	.500	371	.500	325
.763	177	•400	439	.650	210	.600	285	-600	242
. 603	064	-500	434	.700	075	.650	162	.650	151
.842	.042	-600	361	.750	.034	.700	050	.700	052
.921	-130	-650	236	.800	.131	.750	.068	. 750	-074
.961	-149	.700	111	.900	.227	.800	-150	.800	-176
		.750	.215	.950	. 249				
		.800	.093						
		.900	.202						
		.950	.224						



(d) M = 0.70 - Continued

 $\alpha = 0.99^{\circ}; C_{L} = 0.163$ 

FUSEL AGE					
			WING UPPER SURFACE	•	
/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
31313	.223414	3.300 .968	0.000 .988	0.000 1.007	0.000 .969
47377	.346443	.003 .193	.010637	-010468	-010199
63414	.448409	.010947	.030834	.030830	.030755
78342	.487357	.020 -1.075	.050791	.050688	.050777
	.527308	.025 -1.199	.100634	.100573	.100479
	.566245	.030 -1.114	.180576	-180553	.180411
	.605177	.050947	.300504	-300495	.300395
	.669160	.100687	.350480	.350464	.350378
	.684175	.120658	.400461	.400457	.400359
	.724188	.180528	.450457	.450442	.450359
	.763147	.250504	.500453	-500423	.500362
	.803117	.300478	.550432	.550420	.550359
	.882248	.350455	-600411	.500404	.600346
	.96117R	.400430	.650383	-650380	.650323
		.450416	.700342	.700335	.700317
		.500417	.750283	.990 .127	.750318
		.550415	.850124		.850134
		.600404	.950 .058		.950 .033
		.650371			.990 .107
		.700340			
		.800219			
		.900348			
		.950 .048			
		.990 .123			

X/C	CP	x/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	127	.005	.751	.005	.717	.005	.689	.005	.542
.222	165	.025	140	.025	113	.025	057	-025	072
.338	264	• 05 0	225	.050	321	.050	-,234	.050	364
. 448	320	.100	415	.100	294	. 100	312	.100	256
.527	352	.120	390	. 180	348	.180	~.358	.180	238
.605	343	-180	380	.400	382	.300	329	.300	283
.684	327	. 250	368	.500	371	.400	343	.400	30 3
.724	247	.300	385	.600	318	.500	342	.500	294
. 763	160	.40C	405	. 650	194	.600	273	.600	228
.803	053	-500	415	.700	063	.650	154	.650	139
. 842	• 056	.600	341	.750	.046	. 700	043	. 700	044
.921	.145	.650	213	.800	.139	.750	.078	.750	.083
.961	.155	. 72C	103	.902	.240	. 800	. 160	. 800	-181
		.750	.024	.950	.757	•			••••
		.800	.138						
		.900	. 209						
		. 95 0	. 242						

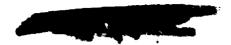


(d) M = 0.70 - Continued

 $\alpha = 1.45^{\circ}; C_{L} = 0.214$ 

•	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE		•	WING UPPER SURFACE	<b>!</b>	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731310	.223455	0.000 .931	0.000 .966	0.000 1.000	0.000 .965
.747383	.346477	.003 .134	.010813	.010575	.010 ~.316
.763405	.448435	.010881	.030 -1.096	.030 ~.909	.030 ~.938
.778 ~.346	.487368	.020 -1.263	.050834	.050845	.050809
	.527316	.025 -1.430	.100713	.100659	.100540
	.566 ~.254	.030 -1.27C	.180648	.180578	.180453
	.605179	.050 -1.115	.300546	.300526	.300430
	.669168	.100747	.350503	.350499	.350396
	.684181	-120719	-400490	.400472	.400380
	.724197	.180567	.450480	.450455	.450379
	.763153	.250519	.500458	-500435	-500 367
	.803124	.300501	.550447	.550430	.550374
	.882247	.350 ~.473	.600430	.600414	.600363
	.961177	.400442	.650401	.650383	.650344
		.450437	.700355	.700342	.700332
		.500428	.750290	.990 .127	.750328
		.550412	.850124		.850138
		.600400	.950 .057		.950 .032
		.650 .362			.990 .105
		.700341			
		.800217			
		.900047			
		.950 .051			
		.990 .124			

X/C	CP	x/c	CP	X/C	CP	X/C	CP	X/C	CP
.148	098	.005	-820	•005	.785	-005	. 752	-005	.611
.222	149	•025	084	•025	209	-025	.018	.025	-017
. 338	247	• 050	208	•050	180	-050	183	•05€	263
.448	306	-100	340	.100	269	- 100	246	-100	238
.527	342	-120	315	- 180	302	.180	302	.180	205
-605	337	.180	351	.400	354	.300	316	-300	259
.684	319	<ul><li>250</li></ul>	347	.500	361	-400	329	.400	281
. 724	239	.300	348	-603	304	•500	316	<b>.</b> 500	286
.763	157	-400	378	-650	187	.600	261	.600	216
.893	052	.500	384	.700	058	.650	140	.650	133
.842	.055	.600	~.328	.750	-050	.700	037	.700	042
• 92 1	.144	.650	221	.800	.145	. 750	.079	.750	.088
.961	.155	.700	099	.900	-242	.800	.167	.800	.188
		. 750	• 228	.950	.261				
		-800	-107						
		-900	.215						
		• 95 0	.239						

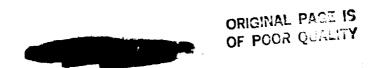


(d) M = 0.70 - Continued

 $\alpha = 1.98^{\circ}; C_{L} = 0.272$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
USEL AGE			WING UPPER SURFACE	•	
'L CP 11316 .7370 .3415 .78340	X/C CP .223496 .346513 .448462 .487379 .527329 .566264 .605185 .669166 .684182 .724200 .763153 .803153 .803123 .882252 .961169	X/C CP 0.000 .903 .003013 .010 -1.067 .020 -1.381 .025 -1.567 .030 -1.561 .050 -1.466 .100746 .120747 .180608 .250557 .300524 .350494 .400473 .450451 .500446 .550434 .600423 .650379 .700353 .800219	X/C CP 0.000 .946 .010984 .030 -1.277 .050 -1.148 .100722 .180692 .300572 .350522 .400505 .450486 .500486 .500486 .500481 .600432 .650400 .700350 .750288 .850120 .950 .059	X/C CP 0.000 .982 .010753 .030 -1.237 .050 -1.042 .100716 .180635 .300557 .350514 .400491 .450475 .500454 .550437 .600421 .650396 .700345 .990 .123	X/C CP 0.000 .962 .010506 .030 -1.137 .050912 .100591 .180488 .300448 .350411 .400394 .450390 .500380 .550380 .600371 .650348 .700332 .750328 .850141 .950 .033 .990 .102
		.900044 .950 .049 .990 .119			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	071	• 305	.861	.005	.834	.005	.824	•005	.682
.222	122	.025	.061	.025	.111	.025	.143	.025	.147
.338	212	.050	1 02	.050	120	.050	064	-050	191
.448	284	. 100	292	-100	195	. 130	198	-100	189
527	322	.120	268	. 180	251	.180	257	-180	171
.605	317	.180	304	-400	333	.300	28 2	-300	236
.684	302	. 250	308	.500	340	-400	303	• 400	268
.724	225	. 300	331	.600	289	.500	308	-500	273
. 763	148	•400	356	.650	172	.600	251	-600	205
.803	043	•500	375	. 700	050	.650	139	.650	123
.842	.065	.600	323	. 750	.051	.700	034	• 700	040
.921	. 145	.650	210	.800	- 151	.750	•083	.750	.086
.961	.154	.700	092	.900	.246	.830	-171	<b>.</b> 800	. 189
		.750	•0 <del>29</del>	. 953	.260				
		.800	.115						
		.900	.216		•				
		•950	.238						

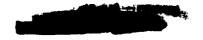


(d) M = 0.70 - Cortinued

 $\alpha = 2.46^{\circ}; C_{L} = 0.324$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	<b>:</b>	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
<b>.</b> 731309	.223525	0.000 .875	0.000 .926	0.000 .966	0.000 .941
. 747 374	.346544	• 303 -• 396	.010 -1.094	.010852	.010553
.763407	.448484	.010 -1.150	.030 -1.459	.030 -1.341	.030 -1.310
.778337	-487406	.020 -1.50l	.050 -l.290	.050 -1.321	.050 -1.063
	.527346	.025 -1.651	.100728	.100730	-100611
	.566275	.030 -1.738	.180726	.180673	-180517
	-605196	.050 -1.571	.300607	.300 ~.568	.300480
	.669177	.100730	.350558	.350530	.350448
	.684191	.120745	.400533	.400499	.400424
	.724198	-180618	.450515	.450474	.450415
	.763162	.250576	.500490	.500454	.500402
	.803128	.300543	.550472	.550446	.550401
	.882250	-350516	.600445	.630426	.600387
	.961164	-400483	.650405	.650396	.650361
		.450463	.700354	.700347	.700343
		.500448	.750291	.990 .119	.750340
		.550438	.850121		.850144
		.600425	.950 .058		.950 .026
		.650379			.990 .101
		.700346			
		-800215			
		.900044			
		.950 .051			
		.990 .120			

X/C	CP	X/C	CP	x/c	CP	X/C	CP	X/C	CP
	-				-		_	A/ C	LP
-148	046	.005	.885	.005	<b>.</b> 861	.005	.870	. 005	.753
• 222	109	. 025	.129	.025	• ì 84	.025	.217	.025	.179
.338	209	.050	048	.050	062	.050	037	.050	146
.448	273	.100	235	-100	163	.100	136	- 100	160
.527	309	.120	231	.180	233	.180	227	.180	151
-605	304	. 180	254	.400	310	.300	248	.300	222
. 684	300	.250	284	.500	321	.400	286	.400	251
.724	228	.300	297	•600	283	-500	289	-500	260
. 763	148	.400	340	.650	171	.600	244	.600	202
.803	040	•500	348	.700	352	.650	125	-650	123
.842	- 066	•600	309	.750	.057	.700	028	.700	037
.921	.149	.650	204	.800	.156	.750	-084	.750	.089
- 961	.162	.700	089	.900	.252	.800	.168	-800	-193
		.750	.033	.950	. 266	•	•		••••
		.800	.116						
		920	224						



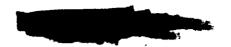


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(d) M = 0.70 - Continued

5

 $\alpha = 2.96^{\circ}; C_{L} = 0.380$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
USELAGE			WING UPPER SURFACE	E	
'L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
1316	.223566	0.000 .831	0.000 .872	0.000 .951	0.000 .920
.7374	.346574	.003167	.010 -1.189	.010908	.010637
3406	.448506	.010 -l.287	.030 -1.624	.030 -1.556	-030 -1-473
8 340	.487425	.020 -1.638	.050 -1.527	.050 -1.665	.050 -1.428
	.527355	.025 -1.759	.100 -1.341	<b>.</b> 100 - <b>.9</b> 00	.100605
	.566283	.030 -1.876	.180731	-180675	.180533
	•605 -•202	.050 -l.884	.300613	.300607	.300496
	.669184	-100 -1.361	.350573	.350563	.350468
	.684196	.120780	.400548	.400526	.400441
	.724205	.180626	.450521	.450500	.450425
	.763165	.250594	.500500	.500477	.500418
	.803124	.300563	.550480	.550461	.550414
	.882238	.350527	.600454	.600431	.600400
	.961157	. 400 4 91	.550411	.650398	.650368
	1701 1171	.450474	.700353	.720347	.700349
		.500457	.750285	.990 .112	.750342
		.550445	.850117	• • • • • • • • • • • • • • • • • • • •	-850144
		.600425	.950 .057		.950 .023
		.650 ~.383	. 430 . 031		.990 .095
					. 770 . 073
		.700348			
		.800215			
		.900044			
		.950 .050			
		.990 .118			

#### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	017	.005	.923	.005	.919	-005	-898	.005	.784
• 222	081	.025	.191	-025	.259	.025	-251	.025	.233
.338	176	.050	.039	.050	-041	.050	.064	.050	066
.448	251	.100	158	. 100	109	-100	078	. 100	105
. 527	288	.120	172	.180	173	.180	195	.180	109
- 605	289	. 180	~.205	-400	269	.300	213	.300	210
- 68 4	287	.250	242	.500	296	.430	256	.400	218
.724	212	.300	272	.600	267	.500	277	•500	240
.763	141	.400	321	•650	162	.600	238	.600	192
.803	038	.500	341	.700	044	-650	126	.650	116
. 842	.070	•600	293	.750	.063	. 700	020	.700	032
.921	.157	.650	195	.800	.160	.750	.091	.750	.094
.961	.164	.700	081	.900	.253	.800	.176	.800	.197
		.750	.038	.950	-271				
		.800	.126						
		.900	.222						
		- 950	.242						



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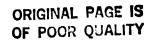


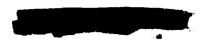
(d) M = 0.70 - Continued

 $\alpha = 3.93^{\circ}; C_{L} = 0.492$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731307	.223649	0.000 .740	0.000 .823	0.000 .896	0.000 .873
.747376	.346657	.003376	.010 -1.368	.010 -1.129	.010832
.763408	.448564	.01C -1.433	.030 -1.756	.030 -1.694	.030 -1.637
.778334	.487442	.020 -1.746	.050 -1.741	.050 -1.812	.050 -1.676
	.527372	.025 -1.901	.100 -1.593	.100 -1.570	-100 -1-020
	.566299	-030 -2-027	.180 -1.193	.100913	.180540
	.605211	.050 -2.073	.300579	.300566	.300523
	.669188	.100 -1.880	.350563	.350553	.350481
	.684196	.123 -1.678	.400547	.4 00526	.400460
	.724199	.180758	.450531	.450509	.450455
	.763164	.250579	.500502	•500 <b>~•48</b> 2	.500433
	.803137	.300560	.55048l	.550468	.550429
	.892237	.350533	.600446	.630444	.6004ll
	.961149	-400505	.650412	.650408	.650383
		.450480	.700361	.700355	.700364
		.500475	.750292	.990 .108	.750357
		.550459	.850123		.850156
		.600438	.950 .053		.950 .015
		.650389			.990 .087
		.700356			
		-800220			
		-900045			
		.950 .050			
		.990 .118			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.035	• 305	.966	.005	.944	.005	.943	.005	.851
.222	036	.025	.347	.025	. 394	.025	.386	.025	.367
. 338	142	•050	.143	.050	.151	-050	.151	.050	.040
.44R	205	-100	080	- 100	.008	-100	-005	-100	030
.527	248	.120	093	-180	112	.180	117	.180	075
.605	250	• 180	134	-400	233	.300	168	.360	148
. 684	263	• 250	178	•500	257	- 400	215	.400	197
.724	194	•300	219	.600	245	.500	243	.500	213
.763	117	.400	259	.650	134	.600	204	.600	176
.803	017	.500	295	<b>.</b> 700	024	.650	103	.650	095
.842	.085	.600	267	.750	•075	.700	009	.700	020
.921	.162	•65 )	173	- 800	.173	.750	.105	.750	. 102
.961	. l 75	• 700	065	•900	.265	.830	.186	.830	.206
		. 75 0	.062	.950	.278				
		.800	.137						
		. 900	.241						
		•950	.257						





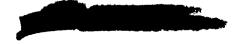
(d) M = 0.70 - Continued

(?

 $\alpha = 4.97^{\circ}; C_{L} = 0.608$ 

	STATION . 148	STATION -402	STATION .595	STATION .775	STATION .913
JS EL AGE			WING UPPER SURFACE	Ē	
_ CP	X/C CP	X/C CP	X/L CP	X/C CP	X/C CP
1298	.223742	0.000 .628	0.000 .744	0.000 .839	0.000 .798
7369	.346746	.003524	.010 -1.489	.010 -1.252	.010998
3403	.448625	<b>.</b> 010 -1.542	.030 -1.890	.030 -1.835	.030 -1.770
3332	.48748l	.020 -1.886	.050 -1.876	.050 -1.925	.050 -1.832
	.527406	-025 -2-322	.100 -1.786	.100 -1.739	.100 -1.674
	.566318	.030 -2.139	.180 -1.647	.180 -1.656	-180585
	.605228	-050 -2-187	.300657	.300612	.300530
	.669205	· 100 -2.121	.350501	.350491	-350511
	.684207	.120 -2.236	.400487	.400468	.400489
	.724218	.180 -1.267	.450480	.450459	.450478
	.763162	.250655	.500477	.500462	.500459
	.803142	-300534	.550458	.550446	.550453
	.882235	. 350 5 02	.600433	.600426	.600432
	.961141	.400480	.650393	.650394	-650405
		.450464	.700352	.700344	.700383
		-500460	.750282	.990 .106	.750376
		.550443	.850124		-850174
		.600423	.950 .053		-950 .005
		.650380			.990 .079
		.700337			
		.800211			
		.900049			
		.950 .045			
		.990 .113			
		2770 6115			

X/C CP X/	
.222 .011 .025 .441 .025 .475 .025 .471 .025 .338096 .050 .233 .050 .244 .050 .255 .050 .448167 .100 .011 .100 .081 .100 .082 .100 .527221 .120308 .180032 .180048 .180 .605240 .180066 .400186 .300118 .300 .684245 .250136 .500233 .400183 .400	CP
.222 .011 .025 .441 .025 .475 .025 .471 .025 .338 -096 .050 .233 .050 .244 .050 .255 .050 .448167 .100 .011 .100 .081 .100 .082 .100 .527221 .120308 .180032 .180048 .180 .605240 .180066 .400186 .300118 .300 .684245 .250136 .500233 .400183 .400	.891
.338096	. 456
.448167 .100 .011 .100 .081 .100 .082 .100 .527221 .120308 .180032 .180048 .180 .605240 .180066 .400186 .300118 .300 .684245 .250136 .500233 .400183 .400	. 128
-527221 .120308 .180032 .180048 .180 -605240 .180066 .400186 .300118 .300 -684245 .250136 .500233 .400183 .400	.033
.605240 .180066 .400186 .300118 .300 .684245 .250136 .500233 .400183 .400	008
.684245 .250136 .500233 .400183 .400	117
	164
	197
.763106 .400223 .650121 .600186 .600	159
.803007 .500261 .700011 .650085 .650	086
.842 .093 .600245 .750 .090 .700 .002 .700	015
.921 .171 .650147 .800 .185 .750 .119 .750	.110
.961 .177 .700048 .900 .276 .800 .196 .800	.211
.750 .063 .950 .288	• 2 4 4
.800 .145	
•900 •239	
•950 •259	



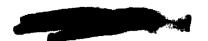


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

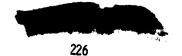
(d) M = 0.70 - Concluded

 $\alpha = 5.97^{\circ}; C_{L} = 0.698$ 

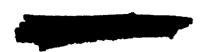
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	Ē	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731308	•223 -•801	0.000 .537	0.000 .682	0.000 .775	0.000 .720
.747375	.346792	.003684	.010 ~1.583	.010 -1.392	.010 -1.100
.763406	.448672	.010 -1.623	.030 -1.985	.030 -1.909	.030 -1.866
.778327	.487529	.020 -1.995	.050 -1.986	.050 -2.058	.050 -1.939
*****	.527427	.025 -1.496	.100 -1.883	.100 -1.870	.100 -1.841
	.566345	.030 -1.400	.180 -1.794	.180 -1.695	.180955
	.605248	.050 -1.648	.300858	.300955	.300533
	.669223	.100 -1.377	.350668	.350780	.350516
	.684224	.120 -1.579	.400512	.430543	.400502
	•724 -•217	.180 -1.482	.450450	.450457	.450488
	•763 -•177	.250 -1.223	.500443	.500413	.500479
	.803153	.300 -1.087	.550417	.550401	.550471
	.882225	.350899	.600395	.630379	.600453
	.961135	.400733	.650365	.650360	.650419
		.450621 .500549	.700313 .750249	.730320 .990 -090	.700394 .750388
•		.550422 .600369 .650325	.850113 .950 .035		.850183 .950004 .990 .075
		.700307 .800187			
		.900078 .950022 .990 .028			

#### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
.148	.119	•005	•991	.005	.982	-005	.985	.005	.913
.222	.058	• 0 25	.534	.025	•538	.025	.557	• 025	.499
.338	058	• 05 0	. 307	.050	.324	-050	. 325	.050	.196
.448	141	.100	.090	.100	-158	.100	. 155	-100	.096
.527	193	.120	.069	.180	.318	.180	.015	. 180	.029
.605	206	.180	007	.400	161	.300	074	.300	091
.684	217	.250	075	.500	196	• 400	150	.400	145
.724	-/:61	.300	115	.600	196	.500	187	.500	166
.763	102	.400	192	.650	113	.600	174	.600	139
.803	003	.500	236	.700	011	.650	077	.650	074
. 842	.099	. 600	240	.750	.087	. 700	.004	.700	012
.921	.178	.650	153	.800	.178	.750	.116	. 750	.114
.961	.188	.700	~.048	.900	.276	.800	.197	.800	.215
		.750	.065	. 950	. 284				
		.800	.133						
		.900	.233						



.950



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### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(e) M = 0.75

 $\alpha = -2.05^{\circ}; C_{L} = -0.194$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
USELAGE			WING UPPER SURFACE	:	
L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
<b>\$1305</b>	.223192	0.000 1.005	0.000 .992	0.000 .930	0.000 .906
7370	.346272	.003 .783	.010 .222	.010 .321	.010 .403
3416 8335	.448271	.010 .139	.030098	.030092	.030145
8335	.487247	.020104	.050125	.050145	.050226
	.527213	.025205	.100219	.100220	.100222
<u> </u>	.566166	.030236	.180285	.180283	.180220
	.605104	.050304	.300336	.300345	.300271
	.669100	.100288	.350330	.350344	.350267
	.684135	.120299	.400349	-400350	.400274
	.724176	.18026?	.450365	.450339	.450 289
	.763138	·250301	.500368	.500348	.500290
	.803105	.300301	.550368	.550359	.550296
	.882272	.350300	.600372	.600359	.600304
	•961 <b>-•19</b> 6	.430312	.650352	.650347	.650284
		.450316	.700320	.700312	.700286
		.500332	.750268	.990 .146	.750302
		.550341	.850112		.850119
		.600359	.950 .075		.950 .049
		.650334			.990 .127
		.700319			••••
		.800208			
		.900040			
1		.950 .062			
ł.		.990 .142			

X/C	CP	X/C SP	X/C CP	X/C CP	X/C CP
.148	291	.005 .324	.005 .232	.005 .090	.005 .019
.222	338	.025840	.025785	.025754	.025665
. 338	438	.050 -1.140	.050 -1.071	.050895	.050 -1.135
.448	495	.130917	.100909	.100927	.100640
.527	530	.120901	.180765	.180738	.180480
.605	468	.180696	.400570	.330545	.300454
.684	410	-250687	.500499	.400519	.400452
.724	304	.300679	.600367	.500458	.500407
.763	204	.400603	.650222	.600325	-600280
.803	082	.50045	.700084	.650175	.650179
.842	.016	.600407	.750 .027	.700055	.700065
.921	.115	.650254	.800 .110	.750 .060	.750 .061
.761	• 1 39	.700120	.900 .204	.800 .137	.800 .154
		• 750 • 001	.950 .232		1000 1251
		.800 .073			
		.900 .182			
		<b>.950 .211</b>			



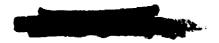
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### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued |

(e) M = 0.75 - Continued

 $\alpha = -1.11^{\circ}$ ;  $C_{1} = -0.083$ 

		α = -1.	11; CL = -0.083		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	E	
X/L CP .731 ···313 .747382 .763425 .778343	X/C CP -223282 -346347 -448325 -487288 -527241 -566183 -605122 -669117 -684153 -724184 -763150 -803114 -882273 -961190	X/C CP 0.000 1.017 .003 .666 .010399 .020406 .025446 .030438 .050433 .100429 .120428 .180345 .250358 .300361 .350352 .400352 .450352 .500372 .550384 .603388 .650352 .700388 .650352 .700337 .800211 .900388 .950 .063 .990 .141	X/C CP 0.000 1.013 .010 .001 .030299 .050284 .100346 .180404 .300402 .350393 .400395 .450404 .500409 .550405 .600375 .700332 .750275 .850115 .950073	X/C CP 0.0J0 .983 .010 .137 .030255 .050341 .130326 .180373 .300392 .350397 .400395 .450381 .500378 .550381 .600377 .650362 .700326 .990 .145	X/C CP  3.000 .963  .010 .221 .030283 .050387 .100299 .180306 .300323 .350312 .400310 .450316 .500324 .600325 .650324 .600325 .650307 .700302 .759309 .850120 .950 .049 .990 .126
	X/C CP •148245 •222284 •338395 •448496 •605443 •684409 •724302 •763200 •803075 •842 -032 •921 -123 •961 -143	X/C	X/C CP .005 .413 .025571 .050768 .100764 .180637 .400543 .500479 .600367 .650217 .700077 .750 .035 .800 .123 .900 .217 .950 .244	X/C CP .005 .318 .025540 .050707 .100744 .180674 .300511 .400497 .500440 .600316 .650174 .700048 .750 .066 .800 .143	X/C CP .005 .257 .025449 .050879 .100518 .180436 .300418 .400427 .500385 .600273 .650169 .700056 .750 .074 .800 .167



(e) M = 0.75 - Continued

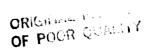
 $\alpha = -0.06^{\circ}; C_{L} = 0.040$ 

	STATION .148	STATION . 402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	ŧ	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731342	.223340	0.000 1.017	0.000 1.021	0.000 1.016	0.000 .982
.747389	.346406	.003 .488	.010248	.010124	.010 .387
.763434	.448374	.010371	.030558	.030495	.030492
.778346	.487318	.020657	.350479	.050491	-050564
	.527270	.025837	.100507	.100487	-100421
	.566210	.030762	.180505	.189478	·180 -·361
	.605139	.050557	.300469	.300474	.300370
	.669139	.100552	.350442	.350446	.350351
	.684167	.120553	.400453	.400436	.400351
	.724210	.180467	.450453	.450434	.450350
	.763168	.250435	.500446	.500410	.500348
	.803135	.300424	•55J -•436	.550410	.550350
	.882279	.350404	.600425	.600397	.600347
	.961182	.400393	•650392	.650380	.650322
		.450393	•700 <b>-•34</b> 5	700 - 339	.700316
		.503407	.750288	.990 .142	.750324
		.550409	.850117		.850125
		.600413	.950 .074		.950 .052
		.650372			.990 .125
		.700345			
		.800218			
		.900337			
		.950 .063			
		.993 .139			

X/C	CP	X/C	C P	X/C	CP	x/C	CP	X/C	Ç e
.148	185	.005	.640	.005	.544	.005	.535	.005	.369
.222	232	.025	412	.025	346	.025	279	.025	301
.338	338	.050	473	.050	482	. 050	.465	.050	618
. 448	395	.100	607	- 100	531	.100	~.517	-100	426
.527	444	.120	530	-180	512	-180	502	.180	342
.605	408	.180	524	.400	486	.300	454	.300	368
. 684	380	. 250	525	-500	453	. 400	451	-400	375
.724	289	.300	521	.600	349	.500	418	.500	355
.763	184	.400	503	- 650	213	.600	303	.600	254
.803	067	.500	484	.700	373	.650	160	.650	157
842	.042	.600	385	.750	.041	-700	045	.700	052
921	•131	.650	239	.800	.135	. 750	.073	. 750	.078
.961	.147	.700	111	•900	.228	.830	.153	.800	.178
	**	. 750	. 308	. 950	.255				
		.800	.091						
		.900	.195						









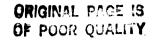
(e) M = 0.75 - Continued

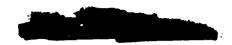
 $\alpha = 0.97^{\circ}; C_{L} = 0.160$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
FUSELAGE X/L CP .731355 .747403 .763432 .778338	X/C CP .223432 .346481 .448434 .487361 .527302 .566234 .605159 .669157 .684176 .724208 .763171 .803134 .882269	X/C CP 0.000 .992 .003 .302 .010659 .020986 .025 -1.094 .030 -1.095 .050 -1.084 .100706 .120692 .180540 .250525 .300461	X/C CP 0.000 1.014 .010533 .030842 .050921 .100668 .180349 .300554 .350506 .400494 .450491 .500473 .550463	X/C CP 0.000 1.020 -010366 -030781 -059922 -100629 -180575 -300535 -350534 -400478 -450466 -505453 -550441 -600426	X/C CP 0.000 .990 .010190 .030787 .050877 .100515 .180449 .300432 .350399 .400382 .450385 .500375 .550378 .600365
	.961183	.400443 .450429 .500434 .550427 .600430 .650396 .700361 .800223 .900036 .950 .062	.650411 .700355 .750291 .850113 .950 .070	.650400 .700345 .990 .136	.650350 .700340 .750342 .850127 .950 .045 .990 .120

X/C	CP	x/c	CP	x/C	CP	X/C	CP	X/C	CP
.148	117	.005	.764	.005	.726	.005	.654	-005	.535
.222	176	.025	172	-025	125	.025	06 9	.025	039
.338	283	-050	261	.050	352	.050	263	.050	416
.448	350	- 100	422	.100	330	.100	334	.100	286
.527	391	.120	412	.183	+05	-180	384	-180	281
.605	378	-190	476	. 400	418	.300	378	. 300	306
-684	357	-250	420	.500	414	.4 30	393	-400	327
.724	269	. 300	426	.600	336	•500	367	-500	324
. 763	175	-400	454	.650	196	.630	286	.600	237
.803	052	.500	458	.700	062	.650	155	.650	141
.842	.057	-603	370	. 750	.054	.700	038	. 700	041
.921	• 140	-650	240	.800	.149	.750	.080	.750	-090
.961	.155	. 700	1 02	.900	.246	.800	.167	.800	.190
		. 750	.021	•950	.264				
		.800	.105						
		.900	.214						
		. 950	.235						





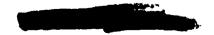


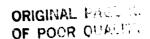
(e) M = 0.75 - Continued

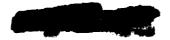
 $\alpha = 1.41^{\circ}; C_{L} = 0.214$ 

		STATION .	148 STA	TION	.402	STATIO	N .595	STATIO	.775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFACE				
X/L	CP	X/C C	. Р х	3١	CP	x/C	CP	X/C	CP	X/C	CP
.731	344	.2234	62 0.0	00	.974	0.000	1.002	0.000	1.018	0.000	.980
.747	407	.3465	.0	03	.211	.010	675	.010		-010	259
. 763	428	.4484	65 .0	10 -	7 75		-1.066		1.041	.030	962
.778	340	.4873			L.080	.050	900		1.010	- 050	9 28
		.5273	.15	25 -1	.225	.100	746	.1 00	652	-100	557
		.5662			.272	-160	712	.180		-180	490
		.6051			.206	.300	568	.300	551	. 300	449
		.6691			-654	.350	534	.350	512	.350	427
		.6841			- 668	.400	518	.400	496	.400	09
		.7242			576	.450	515	.450	475	.450	409
		.7631			546	•500	487	.520	459	.500	389
		.8031			516	.550	474	.550	451	.550	393
		.8822			- 486	.600	452	.630	433	.600	383
		.9611			461	.650	416	.650	402	.650	357
					- 450	.700	354	.700	350	.700	342
				-	- 450	.750	288	.990	.135	. 750	342
			_		451	.850	109	• , , ,	•••	.850	129
					.446	.950	.072			.950	.046
				-	399	.,,,	.012			.990	.118
					- 366					.,,,	••••
					222						
					034						
				50							
					.064						
			• 9	40	• 1 30						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	085	• 005	.813	-005	.776	.005	.732	-005	.608
.222	152	.025	063	.025	007	. 02 5	.008	.025	.021
.338	263	-050	176	.050	228	.050	177	.050	326
.448	333	.100	359	-100	311	.100	276	.100	275
•527	382	• 1 Z O	361	-180	346	. 180	365	.180	239
.605	365	.180	376	.400	418	.300	351	.300	291
.684	352	.250	387	•500	403	.400	379	•400	330
. 724	259	. 300	4 06	.600	334	.530	363	.500	317
.763	163	-400	415	-650	197	.600	274	-600	236
. 803	049	•500	421	. 700	059	.650	144	.650	141
-842	.058	.600	353	.750	.056	.700	036	.700	039
.921	.148	-650	227	-800	.147	.750	.082	.750	.092
. 961	.167	.700	396	.900	. 247	.800	.165	.800	-192
		.750	.032	.950	. 266				
		. ROO	-111						
		•900	•220						
		.950	-240						







(e) M = 0.75 - Continued

 $\alpha = 1.97^{\circ}; C_{L} = 0.276$ 

	STATION .148	STATION .402	STATEON .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731362 .747405 .763439 .778342	X/C CP •223 -•491 •346 -•561 •448 -•492 •487 -•387	X/C CP 0.000 .949 .003 .132 .010669 .020 -1.176	X/C CP 0.000 .964 .010783 .030 -1.167 .050 -1.151	x/C CP 0.000 1.008 .010558 .030 -1.167 .050 -1.192	X/C CP 0.000 .964 .010355 .030 -1.052 .050 -1.095
	.527326 .566255 .605171 .669161 .684191	.025 -1.350 .030 -1.406 .050 -1.376 .100 -1.162 .120971 .180563	.100989 .160716 .300595 .350550 .400543 .450524	.100973 .180699 .300593 .350544 .400518 .450494	.160558 .180498 .300464 .350440 .400427 .450416
	.763176 .803145 .882266 .961177	.250555 .300529 .350500 .400475 .450461	.500500 .550486 .600458 .650416 .700359	.500471 .550459 .630439 .650409 .700355	.500404 .550410 .600390 .650362 .700346
		.500462 .550455 .600448 .650407 .700368 .800218 .900033	.750292 .850114 .950 .062	.990 .126	.750344 .850133 .950 .038 .990 .111
		.990 .131			

X/C	CP	X/C	CP	x/C	CP	X/C	CP	X/C	CP
-148	074	.005	. 847	.005	.823	.005	.787	.005	.677
.222	125	.025	. 328	.025	. 285	.025	.103	. 025	.107
. 338	234	.050	111	.050	167	.050	105	.050	280
.448	304	-100	316	.100	242	•1 00	222	.100	230
.527	352	. 120	296	.180	297	.180	301	. 180	706
.605	351	.185	330	.400	377	.300	324	.300	253
.684	344	.250	337	.500	378	.400	341	-400	300
.724	247	.300	~.360	•600	323	.520	344	. 500	298
.763	160	.400	199	.650	185	.630	269	-600	225
.803	041	-500	419	.700	052	. 650	138	.650	132
.842	.062	.600	342	.750	.064	.730	029	.700	034
.921	.154	.650	216	.800	.158	.750	.093	. 750	.097
.961	.163	.700	093	.900	. 256	.800	-175	.800	. 198
		. 750	.032	.950	.270			• • • • • • • • • • • • • • • • • • • •	
		- 800	.114						
		•900	.221						
		•95€	.241						



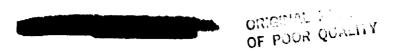


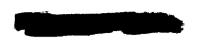
TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(e) M = 0.75 - Continued

 $\alpha = 2.46^{\circ}; C_{L} = 0.337$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	<b>.</b>	
X/L CP		X/C CP	X/C CP	X/C CP	X/C CP
.73133	9 .223533	0.300 .911	0.000 .954	0.000 .992	0.000 .953
.74740		.003 .015	.010879	.010660	.010431
.76344		.010934	.030 -1.297	.030 -1.23/	.030 -1.178
.77834		.020 -1.250	.050 -1.246	.050 -1.313	.050 -1.227
	.527344	•025 -l.416	.100 -1.121	.100 -1.109	-100 -1-101
	.566264	.030 -1.514	.180 -1.065	.180 -1.027	-180473
	•605 <b>~•185</b>	.050 -l.526	-300540	.300569	. 310 492
	.669164	.100 -1.214	.350515	.350536	.350466
	.684193	.120 -1.179	.400531	.400515	.400444
	.124222	-180708	.450518	.450496	.450438
	.763181	.250544	.500508	.530478	.500427
	.803147	.300526	.550491	.550464	.550420
	.882 ~.267	.350503	.600462	.600445	.600401
	.961167	.400484	.657412	.650414	.650368
		.450467	.700356	.700356	.700352
		.500470	.750290	.990 .130	-750349
		.550462	.850112		.850140
		.600452	.950 .068		.950 .036
		.650409			.990 .107
		.700370			
		.800218			
		.900034			
		.950 .762			
		.990 .128			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	036	- 005	.899	.005	.855	.005	.845	-005	.726
• 222	103	. 025	. 1 39	.025	.161	25	. 188	-025	.167
.338	204	. 050	059	.050	051	.050	050	-050	-180
.448	281	.100	259	-100	184	.100	170	- 100	183
.527	336	. 120	- • ? 50	.180	254	.190	263	.180	171
. 605	325	.IAO	281	.400	350	. 330	289	.300	244
.684	320	.250	3 OR	-500	348	.430	323	.400	282
.724	233	. 300	330	-600	30 l	-500	326	. 500	216
.763	148	• 40 0	367	.650	174	.630	259	.600	210
. 803	037	-500	387	. 700	044	.650	133	.650	126
.842	.069	.600	328	.750	.064	.730	026	.700	033
.921	.159	-650	2 09	.800	.162	.750	.093	. 750	,098
.961	.169	.700	089	.900	. 260	.800	.176	.800	. 200
		. 750	.039	.950	. 2 76		• • • •		
		- BC 0	.124						
		. 900	.229						



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#### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(e) M = 0.75 - Continued

 $\alpha = 2.96^{\circ}; C_{L} = 0.400$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
FUSELAGE  X/L CP .731344 .747407 .763432 .778338	X/C CP .223572 .346703 .448575 .487431 .527355 .566271 .605188 .669169 .684197 .724230 .763182 .803152 .882264 .961158	X/C CP 0.000 .887 .003022 .010 -1.014 .020 -1.360 .025 -1.492 .030 -1.601 .050 -1.642 .100 -1.439 .120 -1.215 .180 -1.116 .250560 .300516 .350491 .400471 .450457 .50C460 .550459 .600459 .600449 .650402 .700365 .800215 .900031	X/C CP 0.000 .942 .010919 .030 -1.370 .050 -1.355 .100 -1.229 .183 -1.212 .300570 .350465 .400479 .450485 .500486 .550486 .550411 .700356 .750286 .850115 .950 .070	X/C CP C.000 .981 .010706 .030 -1.288 .050 -1.418 .100 -1.217 .180 -1.174 .300503 .350464 .400492 .450462 .550462 .550457 .600439 .650408 .700352 .990 .129	X/C CP 0.000 .946 .010456 .030 -1.287 .050 -1.296 .100 -1.190 .180551 .300484 .350463 .400450 .450427 .550427 .550422 .600410 .650378 .700358 .850142 .950 .035 .990 .107
	X/C CP •148011 •222075 •338184 •448260 •527317 •605313 •684315 •724232 •763140 •803028 •942 -078 •921 -161 •961 -168	X/C CP .005 .923 .025 .173 .050004 .100184 .120204 .180233 .250264 .300344 .500363 .600323 .650079 .750 .044 .800 .131 .900 .232 .950 .252	X/C CP .005 .890 .025 .210 .050 .027 .100121 .180212 .400320 .500329 .600295 .650167 .700040 .750 .074 .800 .173 .900 .271	X/C CP .005 .877 .025 .227 .050008 .100115 .180216 .300253 .400286 .500302 .600249 .650125 .700021 .750 .093 .800 .182	X/C CP .005 .782 .025 .195 .050083 .100154 .300223 .400263 .500265 .600210 .650121 .700031 .750 .104 .800 .206



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#### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

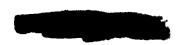
(e) M = 0.75 - Continued

 $\alpha = 3.96^{\circ}; C_{L} = 0.523$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C GP	X/C CP	X/C CP	X/C CP
.731373	.223641	0.300 .799	0.000 .887	0.000 .942	J.000 .906
.747403	.346816	.003217	.010 -1.077	.010863	.010614
.763431	.448665	.010 -1.163	.030 -1.470	.030 -1.421	.030 -1.373
.778330	.487 ~.475	.020 -1.489	<b>.</b> 050 -1.454	.050 -1.545	.050 -1.445
	.527385	•025 -l.624	.100 -1.402	.130 -1.356	.100 -1.359
	.566294	.030 -1.718	.180 -1.367	.190 -1.331	.180 -1.198
	.605211	.050 -1.800	.300 -1.344	.330 -1.305	<b>.</b> 300 <b>4</b> 85
	.669194	.100 -1.702	.350740	.350674	.350454
	.684209	-120 -1.638	-400 <del>-</del> -533	.400526	.430446
	.724227	.169 -1.208	.450 ~.430	.450413	.450443
	.763183	.250 -1.141	.500401	.500381	.500435
	.803164	.300634	.550378	.550382	.550436
	.882252	.350484	,÷00 395	.630391	.600421
	.961145	.400446	.650375	.650357	.650388
		.450441	.700329	.700331	.700369
		.500436	.750266	.990 .129	.750362
•		.550434	.850107		.850152
		.600436	.950 .067		.950 .024
		.650392			.990 .101
		.700354			
		.800213			
		.900032			
		.950 .061			
		.990 .129			
		• • • • • • • • • • • • • • • • • • • •			
		·	WING LOWER SURFACE	:	
	Y / C C D		HIND COREN SON FOL	•	

				WIND CON	C// 30// -0	-			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.043	-005	.976	.005	•950	.005	. 938	.005	.841
.222	028	•025	. 348	.025	.349	.025	.352	• 925	.323
. 338	131	.050	.122	.050	.116	• 050	.128	-050	011
.448	218	.100	080	.100	035	.100	015	.100	068
.527	270	.120	094	-180	123	.180	146	.180	091
.605	280	.180	156	.400	266	.300	201	.300	182
.684	287	.250	192	.500	294	.400	248	.400	232
.724	205	.300	239	-603	270	.500	276	•500	240
.763	126	. 400	291	.650	148	.600	228	.600	192
.803	017	-500	331	.700	028	. 650	111	.650	109
.842	.091	.600	294	.750	.085	.700	007	.700	026
.921	.177	.650	174	.800	.183	.750	.111	. 750	.109
.96l	.183	. 700	058	900	.279	.800	.193	.800	.214
		.750	. )63	. 950	.295				
		.800	.142						
		000	260						





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#### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(e) M = 0.75 - Continued

 $\alpha = 4.96^{\circ}; C_{L} = 0.634$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
FUSEL AGE  X/L CP  .731372  .747395  .763420  .778323	X/C CP -223698 -346895 -448735 -487512 -527415 -566321 -605227 -669200 -684216 -724230 -763190 -803165 -882246 -961136	X/C CP 0.000 .732 .003341 .010 -1.265 .029 -1.580 .025 -1.724 .030 -1.805 .050 -1.895 .100 -1.839 .120 -1.802 .180 -1.716 .250 -1.284 .300980 .350658 .400493	X/C CP 0.000 .826 .010 -1.197 .030 -1.588 .050 -1.587 .100 -1.526 .180 -1.469 .300 -1.473 .350 -1.280 .400810 .450683 .500497 .550363 .600330	X/C CP 0.000 .907 .010989 .030 -1.517 .050 -1.641 .100 -1.488 .180 -1.445 .300 -1.282 .350848 .400749 .450673 .500558 .550412 .600341 .650299	X/C CP 0.000 .850 010743 .030 -1.493 .050 -1.570 .100 -1.495 .180 -1.339 .300 ~.684 .350500 .400452 .450447 .500442 .550444 .600428
	·	.450415 .500408 .550399 .650362 .700335 .807202 .900033 .950 .)61 .990 .134	.700283 .750226 .850090 .950 .066	.730272 .990 .101	.700393 .750387 .850173 .950 .013 .990 .089

X/C	CP	v./c	<b>C</b> 0	w 45					
		X/C	CP	XVC	CP	X/C	CP	X/C	CP
. 148	•079	.005	•990	.005	.968	.005	.956	•005	.879
•222	•019	• 02 5	.433	•025	.429	.025	.453	.025	.401
.338	097	.050	•216	.050	.216	.050	.202	.050	.074
.448	185	. 100	000	.100	.062	.100	. 05 9	.100	-002
•5 27	237	.120	022	-180	052	. 180	075	.180	044
•605	248	.180	096	. 400	227	.300	153	.300	153
• 684	254	•250	144	.500	256	.400	211	.400	204
• 724	<b>19</b> 1	. 300	189	.600	-,244	. 500	250	.500	216
.763	112	.400	257	.650	133	.630	217	.600	175
.803	004	.500	295	. 700	018	.650	099	.650	096
. 442	• 1 04	.600	267	.750	.094	.700	003	.700	015
• 921	-179	.650	163	.800	.193	. 750	.115	.750	. 118
.96 l	-186	.700	35?	.900	.283	.800	.199	.800	•220
		. 75 C	.075	. 950	.295			3000	
		.800	.153						
		- 900	. 252						



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TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(e) M = 0.75 - Concluded

 $\alpha = 5.95^{\circ}, C_{J_1} = 0.687$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	:	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731358	.223768	0.000 .655	0.700 .777	0.000 .854	0.000 .806
.747422	.346928	.003473	.010 -1.316	.010 -1.093	.010854
.763425	.448746	.010 -1.389	.030 -1.669	.030 -1.605	.030 -1.580
.778334	.487574	.020 -1.532	.050 -1.676	.050 -1.712	.050 -1.650
	•527 <b>-•42</b> 5	.025 -1.810	.100 -1.590	.130 -1.588	.100 -1.582
	.566340	.030 -1.883	.180 -1.569	.180 -1.549	.180 -1.430
	.605252	.050 -1.96	.300 -1.280	.300917	.300761
	.669243	.100 -1.90-	.350879	.350834	.350520
	.684234	-120 -1-32	.400783	.400758	.400475
	724248	.180 -1.343	.450619	.450682 .500615	.450466 .500472
	.763210	.250 -1.131	.503605 .55042?	.500615 .550498	•550 -•458
	.803212 .882253	.300 -1.059 .350997	•550 -•42? •600 -•431	.630425	.600447
	•961142	•400 -•927	.650385	.650348	.650424
	. 401142	.450814	.703341	.700302	.700407
		.500490	.750254	.990008	.750398
		.550426	.850118		.850185
		.600391	.950032		.950005
		.650477			.990 .071
		.700289			
		.800229			
		.90015l			
•		.950159			
		.990 .019			
			WING LOWER SURFACE	<u> </u>	
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148 .121	.005 .998	.005 .987	.005 <b>.98</b> 2	.005 .895
	.222 .043	.025 .5 C8	.025 .520	.025 .514	.025 .459
	.338073	.050 .280	.050 .296	.050 .267	.050 .159
	.448159	.100 .060	.100 .110	.100 .112	.100 .042
	.527219	.120 .341	.180921	.180021	.180018
	.605253	-180051	.400206	.300125	.300138
	.684256	.250109	.500268	.430197	.400192
	•724 -•205	.300140	.600258	.500238	.500226 .600180
	.763121	.403222 .500296	.650161 .700041	.600224 .650116	.650104
	.803021 .842 .102	.500296 .630283	.750041	.700022	.700031
	.921 .175	.650169	.800 •161	.750 .088	.750 -107
	.961 .180	.790079	.900 .237	.830 .178	.800 .209
	• 701 • 1 70	.750 .041	.950 .237	1000	,,,,,
		.800 .121	• • • • • • • • • • • • • • • • • • • •		
		.900 .232			
		.957 .243			
		2			

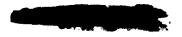


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(f) M = 0.775

 $\alpha = -2.05^{\circ}$ ;  $C_{L} = -0.209$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731324 .747396 .763433 .778332	X/C	X/C CP 0.000 1.015 .003 .788 .010 .110 .020118 .025221 .03J230 .050302 .100318 .120321 .180297 .250307 .300311 .350321 .400312 .450327 .500348 .550348 .550363 .600387 .650363 .600387 .650359 .700333 .800213 .900038	X/C CP 0.000 1.001 .010 .169 .030107 .050134 .100223 .180325 .300347 .350356 .400368 .450379 .500385 .550395 .600392 .650373 .700334 .750276 .850107 .950 .080	X/C CP 0.000 .952 .010 .288 .030092 .050159 .100202 .180289 .300363 .350362 .400371 .450379 .500370 .550376 .600365 .650362 .700323 .990 .152	X/C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	290	• 00 5	.358	. 005	-302	.005	-151	-005	.097
.222	345	•025	772	.025	660	.025	651	•025	562
.338	457	• 05 0	-1.068	.050	983	.050	843	.050	-1.082
.448	534	.100	904	.100	908	.100	972	-100	947
•527	615	.120	875	.180	913	.180	985	.180	539
.605	506	- 180	856	.400	533	. 300	808	.300	454
.684	432	.250	790	.500	492	.430	450	.400	471
.724	310	-300	732	.600	358	.500	441	•500	421
.763	197	-40C	693	.650	201	.633	310	.600	283
.803	082	• 500	578	.700	064	-650	168	.650	177
. 842	.021	.600	392	.750	· 238	. 733	045	.700	054
.921	.114	•650	236	.800	.115	.750	.067	.750	.070
.961	.137	.700	110	.900	.210	.800	-141	.800	.158
		<b>.</b> 750	.000	.950	.236				
		.800	.370						
		• 900	.175						
		• 95 0	.208						



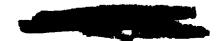


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(f) M = 0.775 - Continued

 $\alpha = -1.05^{\circ}; C_{L} = -0.086$ 

		STATIO	N -148	STATIO	N .402	STATIO	N .595	STATIO	N .775	STATIC	N .913
FUSEL 4	AGE					WING UPP	ER SURFACE				
	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
	.345	.223	274	0.000	1.035	0.000	1.026	0.000	1.000	0.000	.952
	.400	.346	352	.003	.655	.010	024	.010	.129	.010	.239
	445	.448	332	.010	145	.030	313	. 330	242	.030	314
.778	340	-487	287	• 0 20	372	.050	284	.050	33l	.050	382
		.527	- •2 40	. 325	505	.100	382	.130	329	-100	316
		•566	179	.030	499	.180	421	-180	382	.180	313
		-605	111	• 05 0	477	.300	428	.300	427	.300	344
		.669	107	. 100	440	.350	405	.350	422	.350	327
		.684	- •1 53	.120	439	.400	427	.400	414	.400	331
		.724	211	.180	354	.450	432	.450	406	.450	333
		.763	161	.250	376	•500	429	.500	406	.500	333
		.803	130	. 300	366	.550	428	.550	408	.550	339
		.882	283	• 35 )	357	.600	421	. 600	382	.600	338
		.961	- • 1 94	•400	366	.650	395	.650	380	.650	321
				-453	363	. 700	343	.700	334	. 700	312
				• 500	379	.750	283	.990	.152	.750	325
				• 550	390	.850	106	• • • •	••••	.850	116
				.600	411	.950	.079			.950	.056
				•650	370					.990	.132
				.700	351					• • • • •	****
				. 800	214						
				. 900	033						
				.950	.071						
				.990	.147						

#### WING LOWER SURFACE

X/C	CP	v 46							
		X/C	CP	X/C	CP	x/c	CP	X/C	CP
.148	234	• 305	•499	.005	. 422	.005	•334	.005	.218
•222	288	.025	587	•025	499	.025	486	.025	434
.338	395	.050	683	.050	766	•050	724	.050	885
.444	476	. 100	778	.100	172	.100	756	.100	532
•527	548	.120	139	.180	613	.180	737	.180	459
.605	485	.180	659	.400	579	.300	520	•300	444
.684	415	. 250	658	.500	506	.400	515	. 400	446
.724	302	.300	653	.600	363	.500	~.451	.530	403
.763	197	•400	595	.650	208	.600	317	•600	273
-803	074	.500	562	.700	0 70	.650	167	.650	167
-842	.027	. 600	401	. 750	•040	.700	046	.700	051
.921	.121	.650	246	.800	. 121	. 750	•069	.750	.077
.961	-140	. 700	109	.900	.211	.800	.146	.850	.167
		. 750	.010	.950	-240		••••	*****	•10.
		.800	.076	3.7.0					
		.900	-185						
		.950	-218						



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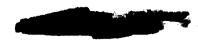


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(f) M = 0.775 - Continued

 $\alpha = -0.03^{\circ}; C_{U} = 0.039$ 

		STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731373	•223 -•342	0.006 1.031	0.000 1.032	0.000 1.021	0.000 .988
.747418	.346434	•003 •489	.010240	.010094	.010 .075
.763445	.448394	.010337	.030549	.030471	.030519
.778341	.487323	.020647	.05)505	.050533	.050606
	•527 -•272	.025836	.100503	.100482	.100433
	•566 - •204	.030844	.180554	-180521	.180396
	.605134	.050723	.300502	.300509	.300392
	•669 -•124	•100 <b>~•59</b> 9	.350464	.350474	.350365
	.684172	.120613	.400473	.400467	.400364
	.724236	.180466	.450479	.450455	.450366
	.76318?	• <b>25045</b> 6	.500471	-500440	.500364
	.803143	.300447	.550456	.550438	.550363
	•882 <b>-•294</b>	•350 ··•418	.600449	.630410	.600364
	•961 -•188	<b>.4</b> 00414	.650413	.650395	.650341
		.450413	.700352	.700347	.700327
		.500417	.750288	.990 .149	.750333
		.550431	.850104		.850118
		.600438	.950 .082		.950 .058
		-650400			.990 .129
		.700365			***************************************
		.800219			
		.900029			
		.950 .070			
		.990 .142			

X/C	CP	x/c	CP	X/C	CP	X/C	CP	X/C	CP
.148	162	. 305	.654	.005	•609	.005	.509	.005	.409
. 222	223	• 02 5	357	.025	307	.025	262	.025	263
-339	342	-050	477	. 353	~.488	. 05.0	482	.050	643
.448	416	.100	611	.100	550	.100	540	. 100	447
.527	479	• 120	553	.180	546	.180	563	.180	382
•605	434	.183	513	.400	525	. 300	471	.300	386
.684	401	.250	-,533	. 500	481	.400	412	•400	403
.724	288	.300	+.550	.600	359	.500	434	-500	379
.763	184	. 400	542	.650	209	.600	308	.600	263
.803	063	•500	537	.700	067	•650	166	•65J	163
. 842	. 043	•600	393	. 750	. 04 7	.700	047	.700	047
.921	.136	-650	242	.800	.133	.750	.076	.750	-081
.961	-156	. 700	101	.900	.229	.850	.155	.800	.178
		.750	.319	. 950	.253	1,750	• • • • •	• 600	*170
		.800	.096	• / 3 3	• • • • •				
		.900	.203						
		• 95 0	.230						



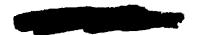
(f) M = 0.775 - Continued

 $\alpha = 0.97^{\circ}; C_{L} = 0.161$ 

	C P •424	X/C		WING UPP	ER SURFACE				
.223 -		X/C							
	434		CP	x/c	CP	x/C	CP	X/C	CP
	• 7 2 7	0.000	1.019	0.000	1.019	0.000	1.035	0.000	• 990
	• 5 30	.003	.742	.010	463	.010	289	-010	095
.448 -	.455	.010	586	.030	981	.030	856	. 0 30	902
	.363	•020	638	.050	786	•050	863	.050	811
.527 -	.299	.025	-1.050	.100	668	. 100	601	.100	518
	.224	.030	-1.089	.180	705	.190	656	.180	472
.605 -	. 150	.050	-1.064	. 300	592	.300	598	. 300	456
.669 -	. 143	.100	783	.350	521	.350	523	. 350	423
.684 ~	.184	. 120	678	.400	520	. 400	502	.400	408
.724 -	.251	.180	574	.450	509	.450	484	.450	399
.763 -	-190	-250	536	.500	502	.500	468	.500	395
.803 -	. 149	-300	509	.550	494	.550	46i	.550	404
.882 -	-288	.350	468	.600	468	.600	428	.600	389
.961 -	.179	• 40 0	445	.650	428	.650	404	.650	365
		. 450	435	.700	355	.700	350	.700	346
		•500	447	. 750	288	. 990	. 143	. 750	343
		.550	461	.850	~.105			.850	124
		• 60 c	470	.950	.080			.950	.052
		.650	417					.990	.126
			- , , , ,						
		-800	¿U						
		.900	030						
		•950	.071						
		•990	.137						
	.487 - .527 - .566 - .605 - .669 - .684 - .724 - .763 - .803 - .882 -	.487363 .527299 .566224 .605150 .669143 .684184 .724251 .763190 .803149	.487363 .020 .527299 .025 .566224 .030 .605150 .050 .669143 .120 .684184 .120 .724251 .182 .763190 .250 .803149 .330 .882288 .350 .500 .550 .600 .550 .600 .800 .900 .950	.487363 .527299 .025 -1.050 .566224 .030 -1.089 .605150 .050 -1.064 .669143 .100783 .684184 .120678 .724251 .180574 .763190 .250536 .803149 .300509 .882288 .350468 .961179 .400445 .500447 .550461 .600470 .650470 .650470 .650536 .901509 .900030 .950 .071	.487363 .020638 .050 .527299 .025 -1.050 .100 .566224 .030 -1.089 .180 .605150 .050 -1.064 .300 .669143 .100783 .350 .684184 .120678 .400 .724251 .180574 .450 .724251 .180574 .450 .803149 .300509 .550 .803149 .300509 .550 .803149 .300445 .650 .961179 .400445 .650 .500447 .750 .550461 .850 .60470 .950 .650 417 .7005 .80020 .900030 .950 .071	.487363 .020638 .050786 .527299 .025 -1.050 .100668 .527299 .025 -1.050 .100668 .527224 .030 -1.089 .180705 .605150 .050 -1.064 .300592 .669143 .100783 .350521 .684184 .120678 .400520 .724251 .180574 .450509 .724251 .180574 .450509 .803149 .300509 .550494 .882288 .350468 .600468 .961179 .400445 .650428 .961179 .400445 .650428 .450435 .700355 .500447 .750288 .550461 .850105 .600467 .750288 .80020 .900030 .950 .071	-487363	*487363	.487      363       .020      838       .050      786       .050      863       .050         .527      299       .025       -1.050       .100      668       .100      601       .100         .566      224       .030       -1.089       .180      705       .183      656       .183         .605      150       .050       -1.064       .300      592       .300      598       .300         .669      143       .130      783       .350      521       .350      523       .350         .684      184       .120      678       .400      520       .400      502       .400         .724      251       .183      574       .459      509       .450      484       .450         .763      190       .250      536       .500      502       .500      468       .500         .803      149       .330      539       .553      494       .550      468       .500         .802      288       .350      468       .600      428       .650      428       .650       -

X/C	CP	x/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	097	-005	.749	.005	.712	• 005	.670	•005	.558
.222	165	• 02 5	159	.025	124	• 025	079	.025	096
.338	292	.050	271	.050	256	.050	253	.050	374
.448	366	• 100	455	•100	383	.100	367	.100	342
.527	434	.120	432	.180	423	. 180	-,435	.180	296
.605	435	-190	430	.400	473	.300	416	.300	340
.684	383	• 250	450	-500	441	-400	426	.400	366
.724	275	.300	462	.600	348	.500	403	.500	342
.763	177	.400	487	-650	196	.600	297	.600	249
.903	053	.500	496	. 700	059	.650	157	.650	148
.842	.053	.600	384	. 750	.057	.700	03 <i>i</i>	.700	039
.921	. 145	•650	236	.800	.148	. 750	-087	.750	.094
.961	.158	.700	103	.900	.243	.800	.164	.800	. 189
		. 750	.027	•950	.264				
		. 800	.104						
		• 900	-218						
		.950	.236						



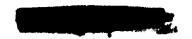


(f) M = 0.775 - Continued

 $\alpha = 1.48^{\circ}; C_{L} = 0.222$ 

	STATION .148	STATION .402	STATION . 595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731388 .747426 .763455 .778339	X/C CP .223468 .346589 .448500 .487391 .527315 .566238 .605158	X/C CP 0.000 .996 .003 .265 .010717 .020991 .025 -1.150 .030 -1.209 .050 -1.148	X/C CP 0.000 1.015 .010623 .030 -1.007 .050938 .100844 .180872 .300609	X/C CP 0.000 1.023 .010401 .030 -1.007 .050980 .100826 .180765 .300588	X/C CP 0.000 .986 .010218 .030945 .050961 .100844 .180488 .300480
	.669147 .684192 .724248 .763198 .803157 .882 .291 .961174	.100973 .120368 .180640 .250534 .300519 .350692 .400471 .450459 .500458	.350546 .400541 .450528 .500511 .550498 .600471 .650424 .700357 .750287	.350537 .400508 .450491 .500476 .550465 .600432 .650409 .700353 .990 .142	.350452 .400434 .450425 .500410 .550411 .600402 .650370 .700353 .750349
		.550473 .600478 .650421 .700377 .300218 .900029 .950 .071 .990 .134	.850100 .950 .083		.850126 .950 .053 .990 .121

X/C	CP	x/c	CP	X/C	CP	x/C	CP	X/C	CP
.148	091	.005	.911	.005	.762	.005	. 754	.005	.616
.222	153	.025	067	.025	.018	.025	.024	.025	.021
.338	252	.050	165	.050	242	.050	173	.050	336
.448	331	. 100	383	.100	321	. 100	302	.100	292
.527	403	.120	364	.180	361	.180	376	.180	262
.605	393	.180	386	. 400	443	.300	382	.300	306
-684	371	.250	404	•500	431	.4 30	405	.400	347
.724	263	. 300	425	.600	345	.500	390	.500	335
. 763	162	.430	453	.653	195	. 600	290	.600	245
.803	046	•500	463	.700	~.055	.650	150	.650	146
.842	.057	.630	360	.750	.359	.700	030	. 700	040
.921	•152	.650	724	.800	. 151	.750	.089	.750	.094
.961	.168	. 700	099	.900	. 25 1	.830	.167	.800	-192
		.750	.032	.950	.271				
		.800	.110						
		.900	.215						
		.950	.246						



(f) M = 0.775 - Continued

 $\alpha = 1.96^{\circ}; C_{L} = 0.283$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	:	
X/L CP .731407 .747419 .763461 .778339	X/C CP .723499 .346655 .448537 .487401 .527325 .566247 .605166 .669161 .684197 .724252 .763204 .803172 .882282 .961173	X/C	X/C CP 0.000 .996 .010715 .030 -1.112 .053 -1.055 .100969 .180953 .300703 .350490 .400518 .450516 .500504 .550492 .600471 .650426 .700357 .750293 .850102	X/C CP 0.000 1.017 .010474 .030 -1.069 .050 -1.138 .100906 .180896 .300623 .35C477 .400448 .450488 .500664 .550470 .600437 .650411 .700353 .990 .137	X/C CP 0.000 .978 .010268 .030 -1.030 .050 -1.055 .100 -1.018 .180445 .300486 .350486 .450436 .450432 .500421 .600408 .650384 .700360 .850131 .950 .048

X/C	CP	X/C	СР	x/c	CP	X/C	CP	X/C	CP
- 148	048	• 005	.860	.005	.818	.005	. 796	.005	.668
.222	129	• 02 5	.027	.025	.089	. 025	.093	.025	.069
.338	237	.050	112	.050	128	-050	125	.050	255
.448	322	.100	322	.100	253	.130	241	.100	249
•527	377	.120	313	.180	307	. 180	338	-180	219
.605	372	-180	~.333	. 400	404	.300	350	.300	288
.684	354	•250	368	.500	405	.400	381	•400	321
. 724	258	• 30 0	403	.600	326	. 500	375	.500	318
.763	169	.400	419	.650	187	.630	279	.600	230
.803	043	.500	449	. 700	054	.650	145	.650	134
.842	.064	-600	356	.750	.064	.700	076	. 700	035
.921	. 154	• 650	223	.800	. 157	. 750	. 091	. 750	.100
.961	.162	.700	091	.900	. 255	.800	.175	.800	. 196
		.750	.037	.950	. 2 74				••••
		. 800	.114						
		.900	•225						
		.950	.244						



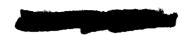


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(f) M = 0.775 - Continued

 $\alpha = 2.50^{\circ}; C_{L} = 0.352$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>:</b>	
X/L CP .731437 .747426 .763451 .778335	X/C CP •223 -•530 •346 -•694 •448 -•577 •487 -•425 •527 -•339 •566 -•258	X/C CP 0.330 .940 .003 .112 .010852 .020 -1.179 .025 -1.325 .030 -1.413	X/C CP 0.000 .973 .010773 .030 -l.173 .050 -l.152 .100 -l.063 .180 -l.069	x/C CP 0.000 1.008 .010549 .030 -1.116 .050 -1.254 .100 -1.033 .190 -1.021	X/C CP 0.000 .957 .010352 .030 -1.082 .050 -1.167 .100 -1.085 .180971
	.605176 .669163 .684203 .724256 .763212 .803158	.050 -1.421 .100 -1.287 .120 -1.098 .180 -1.007 .250982	.300 -1.070 .350670 .400443 .450448 .500446	.309 -1.021 .350796 .400415 .450415 .500408	.300489 .350455 .400439 .450436 .500428
	.882 ~.279 .961 ~.170	.350465 .400451 .450441 .500451 .550456	.600448 .650408 .700352 .750283 .850103	.550436 .600411 .650396 .700347 .990 .138	.550428 .600416 .650388 .700366 .750358 .850133
		.600463 .650416 .700379 .800219 .900029 .950 .068 .990 .134	.950 .074		.950 .042 .990 .115

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	~.025	.005	.894	.005	.844	.005	.834	.005	. 726
.222	1 06	.025	-1 01	.025	.152	.025	.163	.025	.150
.338	220	.050	057	-050	068	.050	086	.050	209
.448	2 87	.100	248	-100	188	.100	185	.100	191
527	353	.120	254	-180	~ .282	-180	~.284	-160	198
.605	349	.180	294	-400	379	.300	307	. 300	254
.684	339	- 250	333	•500	379	.430	356	.400	305
. 724	245	•300	352	-600	319	.500	351	.500	299
.763	1 56	.400	398	-650	183	.633	272	.600	220
.803	034	.500	425	.700	045	.650	138	.650	130
.842	.070	• 600	351	.750	.071	.700	~.025	.700	030
.921	-165	•650	213	.800	.164	.750	.098	. 750	. 102
.961	-1 73	.700	379	.900	.265	.830	-183	.800	-202
		• 750	.346	. 950	.283				
		.800	.126						
		• 900	.240						
		•950	. 255						



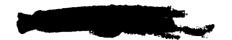


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(f) M = 0.775 - Continued

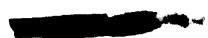
 $\alpha = 2.95^{\circ}; C_{L} = 0.409$ 

	STATION .148	STATION .4G2	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	Ĭ.	
FUSELAGE  X/L CP  -731385  -747427  -763453  -778335	X/C CP -223555 -346726 -448622 -487450 -527356 -566267 -605185 -669171 -684207 -724259 -763206 -803162 -882271 -961153	X/C CP 0.000 .927 .003 .051 .010892 .020 -1.?11 .025 -1.383 .030 -1.461 .050 -1.513 .100 -1.403 .120 -1.346 .180 -1.049 .250 -1 031 .300798 .350489 .400441 .450440 .500447	X/C CP 0.000 .953 .010826 .030 -1.190 .050 -1.200 .100 -1.144 .180 -1.134 .300 -1.170 .350 -1.048 .400529 .450428 .500411 .550418 .600411 .650384 .700332 .750273 .850100	X/C CP 0.000 1.004 .010600 .030 -1.206 .050 -1.276 .100 -1.127 .180 -1.105 .300 -1.107 .350 -1.123 .400520 .450408 .500364 .550391 .600380 .650367 .700337	X/C CP 0.000 .955 .010365 .030 -1.138 .050 -1.212 .100 -1.160 .180 -1.033 .300459 .400459 .400432 .450431 .500424 .550426 .600414 .650387 .700356 .850136
		.600454 .650405 .700370 .800217 .900229 .950 .069 .990 .136	.950 .980		.950 .043 .990 .113

WING LOWER SURFACE						
	HING	nμ	ED	C 1	I ID	

X/C	CP	x/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	014	.005	•917	•005	. 8 83	.005	. 859	.005	
.222	080	.025	•162	.025					.75 n
					.206	. 025	.216	.025	.164
.338	182	.050	023	.050	05l	.050	• 009	.050	153
.448	271	• 10 <b>0</b>	224	.100	140	.100	137	-100	156
•527	329	. 120	204	-180	217	. 180	234	-180	157
• 60 5	333	.180	254	. 400	343	.300	277	.300	238
.684	328	.250	299	.500	-, 359	.400	329	-400	283
.724	242	. 300	319	.600	306	.500	330	. 500	286
.763	151	.400	372	.650	1 73	.600	261	.600	214
.803	032	.500	403	. 700	039	.650	128	.650	127
.842	.080	.600	332	. 750	.078	.700	015	. 700	030
•92 L	-165	•650	209	.800	. 175	.750	-103	.750	.105
.961	.173	. 700	075	.900	. 272	.800	.190	.800	.205
		. 750	-053	.950	.289				
		.800	.127						
		•900	.238						
		. 950	.259						





(f) M = 0.775 - Continued

 $\alpha = 3.98^{\circ}; C_{L} = 0.541$ 

			_		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS FLAGF			WING UPPER SURFACE	•	
X/L CP .731411 .747421 .763434 .778325	X/C CP .223 ~.611 .346824 .448756 .487527 .527405 .566306 .605217 .669199 .684223 .724277 .763214 .803145 .882268 .961143	X/C CP 0.00C .852 .003090 .010 -1.046 .020 -1.340 .025 -1.488 .030 -1.596 .050 -1.654 .100 -1.577 .120 -1.540 .180 -1.331 .259 -1.111 .300 -1.126 .350966 .400524 .450416 .500411 .550416 .650416 .650383 .700348 .800200 .900026 .990 .136	X/C CP 0.000 .916 .010944 .030 -1.353 .050 -1.331 .100 -1.270 .180 -1.285 .300 -1.297 .350 -1.294 .400 -1.277 .450715 .500583 .550467 .600332 .65092 .700258 .750210 .850081	x/C	X/C CP 0.000 .916 .010504 .030 -1.249 .050 -1.336 .100 -1.270 .180 -1.175 .300 -1.011 .350690 .400463 .450424 .500414 .550413 .600411 .650387 .700371 .750370 .850146 .950 .032 .990 .107
	X/C	X/C CP .305 .963 .025 .291 .050 .111 .100109 .120111 .18C166 .250219 .300258 .400313 .500351 .600302 .650179 .700065 .750 .360 .800 .147 .930 .251 .950 .266	X/C CP .005 .932 .025 .309 .050 .123 .100050 .180153 .400297 .500322 .600282 .650153 .700024 .750 .092 .800 .184 .900 .281	X/C CP .005 .922 .025 .323 .050 .110 .100040 .180164 .300225 .400276 .500300 .600241 .650113 .700005 .750 .116 .800 .193	X/C



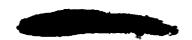
(f) M = 0.775 - Continued

 $\alpha = 4.97^{\circ}; C_{L} = 0.611$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	EL AGE			WING UPPER SURFACE	F	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	401	.223696	C.000 .774	0.000 .857	0.000 .932	0.000 .877
.747	404	.346849	.003227	.010 -1.057	.010844	.0 LO617
. 763	433	.448886	.010 -1.140	.030 -1.426	.030 -1.389	.030 -1.336
.778	328	•487563	-020 -1-434	.050 -1.435	.050 -1.487	.050 -1.431
		.527430	.025 -1.572	.100 -1.399	.100 -1.357	.100 -1.391
		.566324	.030 -1.649	.180 -1.367	.180 -1.330	. 180 -1.276
		.605233	.050 -1.732	.300 -1.267	.300 -1.149	.300 -1.025
		.669211	.100 -1.700	.350 896	.350761	.350651
		.684223	.120 -1.673	.400768	.400689	.400459
		.724255	.180 -1.624	.450675	.450638	.450411
		.763207	.250 -1.269	.500643	.500587	.500411
		.803180	.300 -1.183	.550572	.>>0537	.550425
		.682255	.350 -1.043	.600510	.600458	.600434
		.961146	.400641	.650406	.650392	.650410
			-450495	.700370	.700338	.700402
			-500403	.750260	.990029	.750392
			.550373	.850 210		.850174
			.600373	.950088		.950 .009
			.650349			.990 .078
			.700322			0.70
			.8G0210			
			.900034			
			.950 .060			
			.990 .123			
				WING LOWER SURFACE	ŧ	
		V/C CA	¥45 55	v 40 . 00		
		X/C CP	X/C CP	X/C CP	X/C CP	1./C CP
		.148 .089	.305 .990	.005 .973	.005 .953	.005 .868
		.222 .014	•025 •408	.025 .418	.025 .419	.025 .368

X/C	C P	X/C	CP	x/C	CP	X/C	CP	:/c	CP
.148	.089	. 005	.990	.005	.973	.005	.953	. 005	.868
. 222	.014	• 02 5	-408	.025	.418	.025	.419	.025	.368
.338	098	- 05 0	.195	. 350	.191	.050	.198	.050	.043
.448	193	-100	~.033	. 100	.033	.100	.032	- 100	024
.527	262	.1:0	352	.180	075	.180	113	.180	071
.605	280	. 180	121	.400	266	.300	!92	.3CO	176
.684	287	.250	179	. 500	310	.400	260	.400	245
.724	209	.300	213	-600	288	.500	296	- 500	257
. 763	122	- 40 0	2 16	.650	174	.600	267	- 600	204
.803	013	• 500	331	.700	047	.650	139	.650	120
.842	.093	•600	306	. 750	.065	.700	039	.700	033
.921	-178	-650	190	.803	.153	.750	.075	.750	.106
• 96 L	.178	. 700	074	.900	.249	.800	.162	.800	.204
		.7.0	. 055	.953	. 232				
		. 900	-139						
		.900	. 250						
		. 95 C	.762						





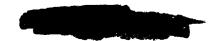
(f) M = 0.775 - Concluded

 $\alpha = 5.92^{\circ}; C_{L} = 0.658$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
Fus	ELAGE			WING UPPER SURFACE	:	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	390	.223761	0.000 .727	0.000 .817	0.000 -910	0.000 .847
. 747	415	.346871	.003327	-010 -1-135	.010901	.010702
. 763	455	.448884	-010 -1-227	.030 -1.499	.030 -1.461	.030 -1.404
.778	334	.487518	.020 -1.504	.050 -1.520	.050 -1.554	.050 -1.491
		.527419	-025 -1-604	.100 -1.450	-130 -1-442	.100 -1.449
		.566323	-030 -1-724	.180 -1.450	-180 -1-383	.180 -1.342
		-605240	.050 -1. <b>8</b> 13	.300899	-300817	.300848
		<b>.669</b> 227	.100 -1.780	.350814	.350749	.350602
		-684237	.120 -1.728	.400736	.400708	.400465
		.724256	-180 -1.488	.450677	.450655	.450442
		.763216	<b>.</b> 250 ~ <b>.</b> 989	.500637	.500615	.500441
		<b>.8</b> 03 ~ <b>.</b> 199	.300 -1.023	.550517	.550543	.550445
		-882276	•350925	.600490	.600480	.600436
		-961174	· <b>40</b> 0891	.650438	.650429	.650412
			.450727	.700393	.700366	.700398
			-500621	.750336	.990142	.750400
			.550575	.850217		-850182
			.600517	.950132		.950019
			.650354	0,00		.990 .047
			.700301			
			.300233			
			.900199			
			•950 -•021			
			.990 .010			
			1770 1010			

X/C	CP	x/c	CP	x/c	CP	X/C	CP	X/C	СР
. 148	-138	• 005	1.014	-005	. 992	.005	. 984	-005	.890
.222	.060	.025	.492	.025	.479	• 025	.475	.025	.428
.338	072	• 050	.281	.050	.272	.050	.258	-050	.101
.448	169	. 100	.037	.100	. 108	.100	.084	.100	.022
.527	235	- 120	.025	.180	035	- 180	053	.180	039
•695	258	.180	068	. 400	247	.300	169	.300	166
-684	284	.250	115	.500	299	-400	234	-400	236
.724	204	• 30 0	1 76	-600	310	-500	294	-500	254
.763	126	-400	249	.650	194	-630	277	-600	239
803	028	•500	323	. 700	073	.650	157	-650	134
.842	•091	-600	326	.750	.030	-700	055	.700	050
.921	. 178	- 650	197	.800	•131	.750	• 062	. 750	.090
.961	.186	.700	081	• 900	• 20 <b>7</b>	.800	.1.43	.600	. 193
		• 750	.041	• 950	•206				
		. 800	-125						
		• 900	.215						
		•953	•2 03						





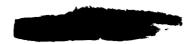
(g) M = 0.80

 $\alpha = -2.03^{\circ}$ ;  $C_{L} = -0.228$ 

		STATIO	N .148	STATIO	N .402	STATIO	N .595	STATEO	N .775	STATIO	M .913
FUS	FLAGE					WING UPP	ER SURFAC	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
. 731	364	.223	199	0.000	1.030	0.000	1.008	0.000	.980	0.000	.932
.747	408	.346	294	. 003	. 759	.010	.155	-010	.268	.010	.336
. 763	454	.448	21	.010	.117	.030	102	.030	094	.030	202
.778	330	.487	256	.020	102	. 050	143	.050	161	.050	256
		. 52 7	207	- 025	259	.100	235	. 130	215	-100	264
		•566	145	.030	249	.180	332	.180	314	-180	282
		•605	083	-050	297	. 300	366	.300	385	. 300	314
		.669	~.087	-100	297	.350	370	.350	376	. 350	316
		.684	136	. 120	325	.400	393	.400	399	-400	316
		.724	220	.180	279	.450	407	.450	396	.450	321
		.763	171	-250	307	• 500	415	.500	393	-500	323
		.823	128	.300	321	.55)	424	.550	496	.550	332
		.882	298	- 350	321	.600	419	-600	401	.600	337
		.961	1 93	.400	322	.653	396	.653	382	-650	337
				.450	339	.700	339	.700	338	.700	309
				.500	362	. 75)	277	.990	. 160	. 750	324
				.550	388	.850	095			-850	109
				.600	419	.950	.093			.950	.066
				.650	397					-990	-141
				.700	367				•		
				.800	214						
				.900	023						
				.950	-079						
				•990	.154						

x/C	CP	X/C	CP	x/c	CP	X/C	CP	x/C	CP
. l 48	268	.005	-414	•005	.336	-005	.249	.005	.134
•222	312	-025	661	.025	581	. 02 5	562	-225	483
.338	453	-050	987	•050	927	.050	781	.050	977
.448	534	- 100	889	.103	846	.130	844	.100	931
527	656	-120	832	.180	871	. 190	942	.180	788
.605	749	.180	842	- 400	940	.300	947	.300	666
.684	398	-250	826	.500	537	.400	963	.400	471
. 724	287	. 300	814	.600	262	. 500	363	-500	424
. 763	182	-400	828	.650	161	.600	246	.600	277
.803	078	.500	907	.700	054	-650	134	.650	168
.842	.009	-600	303	.750	.013	.730	028	.700	046
.921	.105	-650	194	.800	.083	.750	-064	. 750	-068
.961	• 136	.700	091	.900	. 184	.830	-137	.800	.157
		.750	024	.950	.226				
		.800	• 9 26						
		.900	-150						
		06.0	1 04						





(g) M = 0.80 - Continued

 $\alpha = -1.08^{\circ}$ ;  $C_{L} = -0.105$ 

	STATION .143	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731393	.223273	0.300 1.347	0.000 1.032	0.030 1.010	0.000 .960
.747419	.346370	•003 •562	<b>.</b> 010 - <b>.</b> 030	.010 .141	.010 .239
.763459	.448343	•010 -•103	.030270	.030280	.030356
.778330	<b>.48728</b> 6	.020361	-050267	.050364	-050419
	•527 -•231	.025454	.100367	.100338	.100361
	.566164	.030512	.180454	.180404	.180348
	•605 -•396	.050485	.300431	.300472	.300355
	<b>.669103</b>	.100462	.350426	.350460	.350356
	-684154	.120462	.400438	.40045l	.400343
	.724246	.180373	.450455	.450440	-450354
	.763193	.250386	.500452	.500433	-500348
	.803144	.300375	.550475	.550441	.550367
	•882 -•303	.350373	.600461	-600429	.600357
	•961 - <b>•</b> 187	.400364	<b>.650421</b>	-650400	.650333
		.450374	.700348	.700345	.700321
		<b>.</b> 500 - <b>.</b> 396	.750283	.990 .159	.750333
		.550418	.850094		.850111
		-600461	.950 .391		.950 .066
		.650424	_		.990 .138
		.700381			*****
		.800216			
		.900021			
		.950 .081			
		.990 .152			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
-148	215	- 005	•565	.005	.472	.005	.397	.005	.283
.222	272	.025	522	.025	432	.075	437	.025	385
•338	~.393	.353	740	.050	742	•050	643	.050	826
.448	- • 4 82	. 100	746	-100	703	.120	702	.100	792
527	611	.120	743	-180	736	.180	803	.180	588
.605	587	.180	703	.400	808	.300	794	- 300	445
.684	408	. 250	683	.500	451	.400	579	.400	469
.724	288	• 300	670	.600	294	.500			
. 763	185						422	•500	412
		.400	750	• 650	176	.600	290	. 600	275
.803	066	.500	832	.700	053	.650	149	.650	164
.842	.027	. 600	332	.750	.044	. 700	029	.700	043
.921	.122	.650	203	.800	-115	.750	.077	.750	.083
.961	.144	.700	090	•900	.213	.800	.146	.800	.169
		. 750	-005	.950	-241		••••		•••
		. 800	.069	• / / 0	***				
		. 900	-182						
		•950	•21 <del>9</del>						



(g) M = 0.80 - Continued.

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 $\alpha = -0.01^{\circ}$ ;  $C_L = 0.033$ 

		STATIO	N .148	STATIO	N .402	STATIO	N .595	STAT ION	.775	STATIO	N .913
FUS	EL AGE		•			WING UPP	ER SURFACI	ŧ			
X/L	CP	x/C	CP	x/C	S P	X/C	CP	x/C	CP	X/C	CP
. 731	465	.223	341	0.000	1.035	0.000	1.034	0.000	1.031	0.000	.993
. 747	438	.346	466	. 303	.513	.010	239	.010	057	.010	. 109
. 763	470	. 448	408	.010	315	.0 30	549	.030	490	.030	549
.778	333	.487	~.339	.020	614	.050	538	.050	580	.050	676
		.527	268	.025	735	.100	507	-100	462	. 100	450
		.566	194	.030	823	.180	558	.180	52 7	.180	432
		.605	118	.050	737	.300	573	. 300	~.569	.300	429
		.669	119	.100	518	. 350	506	.350	496	.350	406
		.684	174	.120	605	.400	504	-400	484	. 400	394
		. 724	28l	.180	478	.450	508	.450	477	-450	393
		.763	242	. 250	473	-5 GO	504	.500	470	.500	382
		.803	169	.300	453	. 550	506	-550	472	- 550	393
		.882	312	.350	436	.600	498	.600	449	.600	366
		.961	183	.400	410	.650	437	-650	407	-650	356
				.450	410	.700	356	.700	350	.700	341
				-500	436	.750	282	.990	.154	.750	340
				<b>.</b> 550	457	.850	097			.850	113
				.600	505	.950	.094			.950	-067
				-65 2	455					<b>-99</b> 0	.135
				-700	401						
				.803	219						
				.900	020						
				•95 0	.079						
				.990	-146						
	-										

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	153	• 005	.680	. 005	.615	-005	.569	.305	.443
.222	218	.025	327	.025	267	.025	254	-025	273
.338	351	- 050	449	.050	482	.050	440	.050	642
.448	436	-100	606	. 100	562	-100	581	-100	469
.527	543	-123	612	.180	542	-180	634	.183	449
.605	481	. 180	516	-400	612	- 300	545	.300	414
.684	423	.250	575	.500	526	.430	500	.400	444
.724	297	-300	612	.600	351	-500	468	-500	402
.763	183	-400	676	.650	195	.600	305	.600	267
.803	060	-500	577	.700	057	-650	157	-650	160
. 842	.040	.600	390	.750	.050	. 700	033	.700	043
.921	.132	•650	229	.800	.128	.750	.078	.750	.085
.961	.153	• 700	094	.900	.222	.800	. 158	. 800	.172
		.750	-018	.950	. 254			•	
		. 800	.088						
		•900	.196						
		.950	. 2 28						





(g) M = 0.80 - Continued.

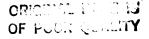
 $\alpha = 1.00^{\circ}$ ;  $C_L = 0.161$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
X/L CP .731459 .747447 .763471 .778333	X/C CP 223 - 414 .346590 .448489 .487368 .527292 .566215 .605136 .669129 .684188 .724306 .763258 .803183 .882306 .961176	X/C CP 0.000 1.021 .003 .381 .010519 .020823 .025 -1.010 .030 -1.026 .050984 .100890 .120763 .250544 .300490 .350462 .400452 .450462 .500451 .550485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650485 .600534 .650482 .700412 .800214 .900022 .950 .075 .990 .140	X/C CP 0.000 1.032 .010454 .030834 .050741 .100671 .180750 .300703 .350533 .400529 .500525 .550514 .600508 .650452 .700351 .750280 .850092 .950 .088	X/C CP 0.000 1.033 .010231 .030800 .050820 .100685 .180713 .300799 .350782 .400516 .450418 .500445 .550445 .550475 .600450 .650417 .700353 .990 .148	x/C
			WING LOWER SURFACE		

x/c	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	107	.005	.767	•005	.722	.035	.671	.005	.555
. 222	167	. 02 5	159	•025	077	.025	086	.025	090
.338	291	• 05 0	2/3	.050	337	.050	266	.050	449
.448	382	.100	462	-100	<b>40</b> 0	.100	399	. 100	353
.527	479	. 120	416	.180	449	.180	464	.180	326
-605	452	.180	459	.400	521	.300	458	.300	361
. 684	411	.250	504	.500	503	-400	484	-400	396
.724	284	.300	509	.600	347	.500	444	•500	381
.763	177	.400	532	.650	190	.600	300	.600	257
.803	051	.500	568	.703	052	.650	152	.650	146
-842	.048	.600	377	.750	.058	.700	030	.700	-,037
.921	-142	.650	- <u>.</u> 230	.803	.140	.750	.084	. 750	.093
.961	.156	.700	094	.900	.244	.800	.169	.800	.184
		.750	.026	.950	.265				
		.800	.099						
		.900	.210						
		.950	.239						







(g) M = 0.80 - Continued.

 $\alpha = 1.47^{\circ}$ :  $C_{L} = 0.226$ 

FUSEL AGE			WING UPPER SURFACE	:	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731486	.223443	0.000 1.305	0.000 1.018	0.000 1.029	0.000 .983
.747450	.346 ~.626	.003 .288	.010543	.010334	.010150
.763471	.448520	.010628	.030924	.030904	.030847
.778333	.487397	.020901	.050881	.050924	.050932
	.527306	.025 -1.060	.100788	.130764	.100860
	.566224	.030 -1.178	.180813	.180812	.180439
	-605145	.050 -1.098	.300915	.3 30875	.300631
	.669137	-100971	.350804	.350875	.350507
	.684192	.120912	.400539	.400785	.400428
	.724303	.180925	.450487	.450414	.450421
	.763264	.250838	.500488	.500379	.500413
	.803194	.300593	.550503	.550415	-550419
	.882301	.350447	.600485	.600431	.600410
	.961168	.400442	.650430	.650404	.650383
		.450445	.700351	.730347	.700359
		.500455	.750277	.990 .146	.750354
		•550 ~•483	.850092		.850 ~.119
		.600533	.950 .088		.950 .060
		.650485			.990 .128
		.700424			
		.800215			
		.900018			
		.955 .077			
		.990 .138			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	070	.005	-815	.005	.763	.035	.732	.005	.603
-222	143	.025	039	.025	.015	.025	.017	.025	003
.338	268	. 350	181	.050	234	.050	206	. 050	392
. 448	357	.100	393	- 1 <b>0</b> 0	326	-100	327	.100	310
.527	448	.120	381	.180	~. 395	.180	439	.180	295
-605	432	.180	380	.400	485	.300	411	.300	346
.684	399	.250	429	.500	482	.400	445	.400	379
.724	274	.300	460	.660	345	.500	431	.500	363
.763	166	.400	505	.650	186	.600	299	.600	251
.803	049	.500	550	.700	046	.650	151	-650	143
.842	.063	.600	366	.750	.060	.700	024	.700	035
.921	.152	.650	219	.800	.156	.750	-094	.750	.096
.961	.168	.700	089	.900	-250	-800	-170	.800	.196
		.750	.038	. 950	.273				
		.800	.114						
		•900	.218						
		.950	.244						

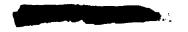


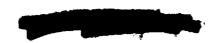
(g) M = 0.80 - Continued.

 $\alpha = 1.96^{\circ}$ :  $C_L = 0.292$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.73150	· · · · · · · · · · · · · · · · · · ·	0.000 .986	0.000 1.007	0.000 1.027	0.000 .981
.74744	· · · · · · · · · · · · · · · · · · ·	.003 .260	.010568	.010388	.010189
. 763 46		-010691	.030980	.030978	.030915
.77832		•020 <b>999</b>	.050 - <b>.980</b>	.050 -1.042	.050 -1.C11
	•527 <b>-</b> •3 <i>?</i> 2	.025 ~1.118	.100 ~.870	.100815	.100922
	•566 <b></b> 235	.030 -1.221	.180934	.180882	-180852
	.605158	.050 -1.193	.300967	.300913	•300 <b>-</b> •623
	.669150	.100 -1.004	.350984	.350933	.350 ~.584
	.684200	•120 <b>-•99</b> 7	.400 <b>99</b> 6	.400927	-400497
	.724294	·180 -·907	.45)529	.450508	.450424
	.763279	.250859	.500425	.500369	.500412
	.8032 24	.300 ~.892	.550413	.550361	.550417
	.882300	.350551	.600422	.600359	.600411
	.961165	.400433	.650408	.650367	.650384
	•	.450433	.700333	.700322	.700365
		.500445	.750271	.990 .147	.750359
		.550474	.850092	,	.850121
		.600512	•950 •092	•	.950 .058
		.650473	****		.990 .125
		.700396			*****
		.800211			
		.900019			
		.950 .075			
		.990 .140			
		•77V •14U			

X/C	CP	X/C	CP	x/C	CP	X/C	CP	X/C	CP
.148	051	• 005	.851	.005	.810	•005	.773	.005	.653
.222	118	.025	0C5	•0 25	.046	.025	.080	.025	.041
.338	242	.050	132	. 353	191	.050	135	.050	321
.448	333	. 100	323	.100	263	.100	269	-100	264
.527	420	.120	342	.180	347	.130	382	.180	274
.605	403	.180	357	. 400	463	.300	378	•300	317
.684	381	.250	399	.500	443	-490	419	.400	359
.724	264	. 300	423	-600	337	-500	408	•500	335
. 763	162	• 400	464	.650	179	.600	288	.600	236
.803	~.042	•500	511	.700	043	.650	145	.650	136
.842	.061	•600	369	.750	.071	.700	025	.700	031
.921	-151	.650	?22	.800	.156	.750	.097	-750	-102
.961	.167	. 700	386	.900	.254	.800	.179	.800	.196
		.750	.039	.950	.280				
		-800	.114						
		• 900	•2.21						
		. 05.0	740						







(g) M = 0.80 - Continued.

 $\alpha = 2.45^{\circ}$ ;  $C_{L} = 0.359$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGF			WING UPPER SURFACE	E	
X/L CP •731 - •496 •747 - •443 •763 - •467 •778 - •325	X/C CP •223497 •346709 •448719 •487436 •527343 •566250	X/C CP 0.000 .971 .003 .168 .010747 .020 -1.380 .025 -1.214 .030 -1.313	X/C CP 0.000 1.003 .010681 .030 -1.032 .050 -1.041 .100992 .180989	x/C CP 0.000 1.020 .010427 .030 -1.023 .050 -1.128 .100938 .180979	X/C CP 0.000 .975 .010261 .030979 .050 -1.060 .100997 .180922
	.605164 .669153 .684206 .724309 .763266 .803201 .882301	.050 -1.346 .100 -1.227 .120 -1.116 .180958 .250961 .300939	.300 -1.035 .350 -1.029 .400 -1.061 .450866 .500450 .550376	.300 -1.020 .350 -1.030 .400 -1.032 .450917 .500475 .550353 .600321	.300707 .350592 .406513 .450432 .500406 .350407
	.961157	.400465 .450421 .500430 .550460 .600473 .650452 .700387 .800204 .900016 .950 .)77	.650346 .700296 .750248 .850385 .950 .093	.650320 .700289 .990 .146	.650378 .700362 .750358 .850123 .950 .055 .990 .125

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	028	• 005	.688	.005	. 844	.005	.809	-005	.688
.222	093	• 02 5	.102	.025	.144	.025	.127	.025	.113
.338	219	.050	071	.050	117	.050	086	.050	247
.448	308	. 100	251	.100	215	.100	203	. 100	235
.527	392	.120	274	.180	291	.180	326	.180	242
. 605	387	.180	300	.400	422	. 300	346	.300	295
.684	361	-250	344	.500	427	.430	388	-400	336
.724	254	.300	379	.600	329	.500	383	-500	326
.763	156	-400	439	.650	175	.600	285	.600	228
.803	030	. 500	472	.700	037	-650	137	.650	131
. 842	.074	.600	361	•750	.078	.700	016	.700	027
.921	-160	•650	217	.800	.169	.750	.100	.750	-107
.961	.173	.700	076	•903	.26R	.800	.186	. 800	.203
		.750	.046	.950	.288		_		
		. 900	.124						
		.900	.234						
		0.0							





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#### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

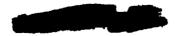
(g) M = 0.80 - Continued.

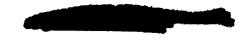
 $\alpha = 2.97^{\circ}$ ;  $C_{L} = 0.429$ 

	STATION .148	STAT.ON .402	STATION .595	STATION .775	STATEON .913
FUSEL AGE			WING UPPER SURFACE	Ė	
X/L CP •731 -•552 •747 -•434 •763 -•458 •778 -•320	X/C CP •223 -•530 •346 -•750 •448 -•745 •487 -•556 •527 -•384	X/C CP 0.000 .936 .003 .099 .010807 .020 -1.119 .025 -1.253	X/C CP 0.000 .979 .010711 .030 -1.094 .050 -1.101 .100 -1.059	X/C CP 0.000 1.012 .010504 .030 -1.075 .050 -1.177	X/C CP 0.000 .966 .010307 .030 -1.021 .050 -1.113
	.566280 .605189 .669177 .684222 .724316	.030 -1.349 .050 -1.405 .100 -1.312 .120 -1.291 .180969	.180 -1.059 .300 -1.100 .350 -1.118 .400 -1.116 .450 -1.139	.100 -1.028 .180 -1.014 .300 -1.063 .350 -1.089 .400 -1.095 .450 -1.089	-100 -1.688 -180982 -300844 -350767 -400691 -450458
	•763266 •803208 •862285 •961150	.250 -1.305 .300 -1.014 .350 -1.303 .400753 .450452	.500649 .550494 .600399 .650311 .700265 .750203	.500608 .550459 .600373 .650296 .700252	.500406 .550394 .600391 .650373 .760358 .750349
		.550442 .600447 .650405 .700368 .800202 .900015 .950 .J74	.850265 .950 .094	• • • • • • • • • • • • • • • • • • • •	.850120 .950 .053 .990 .123

u۲	MC	24	20	SUR	 rE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	-001	.305	•922	•005	.885	.005	.844	.005	.746
.222	075	.025	.179	.025	. 184	•025	.204	.025	.163
.338	185	.050	014	• 050	045	-050	029	.050	196
.448	282	.100	217	.100	167	.100	152	.100	200
.527	353	.120	228	.180	237	.180	266	.180	195
.605	356	.180	269	. 400	388	.300	314	.300	277
.684	346	• 25 0	319	.500	399	.400	368	.400	316
.724	242	. 300	339	.600	320	.500	367	.500	315
. 763	146	-400	393	.652	171	.620	272	.600	226
.803	026	•500	448	.700	037	•650	135	.650	128
.842	.084	.60 C	340	.75)	.079	.730	013	.700	027
.921	.169	.650	202	.800	.176	.750	.101	.750	.104
.961	.177	.700	270	.900	.269	.830	.187	.800	.204
		. 750	. 255	•950	•289				
		.830	.140						
		.900	.241						
		.950	.264						





#### ORIGINAL PAGE IS OF POOR QUALITY

## TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued (g) M = 0.80 - Continued.

 $\alpha = 3.96^{\circ}$ ;  $C_{L} = 0.517$ 

	STATION .148	STATION .402	STATION .595	STATION .175	STATION .913
FUSELAGE			WING UPPER SURFACE	· E	
FUSELAGE  X/L CP  .731469  .747434  .763461  .778320	X/C CP •223 -•595 •346 -•774 •448 -•864 •487 -•673 •527 -•455 •566 -•328 •605 -•228 •669 -•200 •684 -•227 •724 -•302 •763 -•258 •803 -•198 •882 -•277 •961 -•140	X/C CP 0.000 .877 .003015 .010919 .020 -1.225 .025 -1.365 .030 -1.456 .050 -1.522 .100 -1.458 .120 -1.406 .183 -1.368 .250 -1.042 .303 -1.069 .403 -1.069 .403 -1.069 .403 -1.069 .403 -1.368 .550627 .500470 .550404 .600379 .653358 .700335 .800196 .900022	X/C CP 0.000 .936 .010850 .030 -1.225 .050 -1.226 .100 -1.161 .180 -1.183 .300 -1.218 .400 -1.063 .450635 .500588 .550545 .600482 .650425 .700349 .750291 .850138 .950024	x/C CP 0.000 .992 .010634 .030 -1.164 .050 -1.276 .100 -1.134 .180 -1.136 .300 -1.169 .350 -1.174 .400 -1.011 .450545 .550551 .600444 .6389 .70329 .990025	x/C

X/C	CP	X/C	CP	X/C	CP	x/C	CP	x/c	CP
-148	-049	.005	.975	.005	.924	.035	.907	.005	.807
.222	026	• 02 5	.282	.025	•305	.025	.307	.025	.248
.338	149	.050	.081	.050	.088	.05 Ú	.062	-050	074
.448	24l	.100	123	.100	069	.100	080	- 100	123
.527	321	• 123	139	.180	177	.183	206	.180	155
. 605	330	-180	191	.400	348	. 300	262	.300	242
.684	334	- 250	257	.500	378	.433	345	.400	306
.724	234	.300	289	.600	337	.500	365	• 500	311
. 763	141	.403	360	.650	194	.600	292	.600	235
.803	022	• 500	419	.700	056	.650	158	.650	141
.842	•092	.600	342	. 75)	. 056	.736	038	.700	04l
.921	.175	•650	208	.800	-161	.750	.073	.750	.099
.961	. 183	.700	316	•900	.237	.800	. 164	. 800	.205
		• 750	.049	• 950	.253				
		. 400	.131						
		- 900	.243						
		. 950	.257						



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TABLE X.- WING AND FUSELAGE PRESSUPE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(g) M = 0.80 - Continued.

 $\alpha = 4.96^{\circ}: C_{L} = 0.569$ 

			L		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSFL AGE			WING UPPER SURFACE	•	
X/L CP .731 -\.454 .747422 .763458 .77H324	X/C CP .223680 .346793 .448918 .487737 .527490 .566359 .605252 .669213 .684224 .724277 .763233 .803199 .882276 .961151	X/C	X/C	X/C CP 0.600 .973 .010710 .030 -1.267 .050 -1.356 .100 -1.223 .180 -1.222 .300884 .350682 .400630 .450592 .500565 .550525 .600483 .650432 .700390 .990167	X/C
	X/C CP 148 .089 .222 .007 .338111 .448207 .527283 .605311 .684330 .724237 .763141 .803020 .842 .089 .921 .179 .961 .187	X/C CP .005 1.004 .025 .384 .050 .198 .100042 .120055 .180130 .250200 .300240 .400318 .500397 .600347 .650221 .700082 .750 .047 .800 .126 .900 .230 .950 .250	X/C CP .005 .972 .025 .406 .050 .182 .100055 .180114 .400316 .500370 .600364 .650223 .700080 .750 .037 .800 .123 .900 .210 .950 .207	X/C CP .005 .946 .025 .375 .050 .158 .100005 .180140 .300228 .400326 .500370 .600330 .650187 .700075 .750 .047 .800 .138	X/C CP .005 .840 .025 .330 .050 .006 .100075 .180113 .300221 .400297 .500311 .600255 .650159 .700060 .750 .080 .800 .185

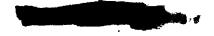




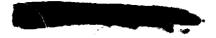
TABLE X.- WING AND FUSELAGE PRESSUPE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(g) M = 0.80 - Continued.

 $\alpha = 5.94^{\circ}$ ;  $C_{L} = 0.626$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL	AGE			WING UPPER SURFAC	E	
X/L .731 - .747 - .763 -	AGE CP •471 •433 •497 •346	X/C	X/C CP 0.000 .771 .003220 .010 -1.088 .020 -1.379 .075 -1.509 .030 -1.591 .050 -1.680 .100 -1.659 .120 -1.659 .120 -1.625 .180 -1.390 .250 -1.016 .300937 .350894 .400834 .450756 .500692 .559575 .600484 .700369	X/C CP 0.000 .861 .013 -1.002 .030 -1.374 .053 -1.374 .100 -1.343 .183 -1.337 .300 -848 .353755 .400653 .500661 .550668 .600548 .650548 .650513 .700479 .750408 .850322 .950236	X/C	X/C CP 0.000 .872 .013586 .030 -1.284 .050 -1.363 .100 -1.334 .180 -1.255 .300942 .350652 .400560 .450488 .500440 .550440 .550440 .550433 .600392 .750392 .750392 .850209 .950082 .990042
			.800246 .900154 .950103 .990097			

						•			
X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	C P
.148	.132	.005	1.017	.005	.978	. CJ5	.977	.005	.880
•555	• 052	.025	.455	.025	. 458	.025	6449	.025	.404
.338	076	•050	.256	.050	. 245	.050	•227	.050	.077
-448	189	. 100	.326	•1 00	.064	. 100	.057	.100	
527	266	.120	.001	.180	065	.180	082		016
.605	292	.180	263	.400	289			-180	079
.684	328	. 250	147	-500	348	.700	18;	.300	205
.724	234	.300	199	-600		.400	288	.400	280
. 763	146	•400	304		375	•500	355	.500	305
.803	021			-650	224	•600	338	.600	256
.842		•500	387	-700	1 05	.650	195	.650	158
-	180	•600	365	.750	.017	.700	085	.700	076
• 921	. 169	.650	230	.800	. 107	.750	.042	.750	.071
. 961	.177	.700	115	•900	.188	.800	.118	.800	.174
		.750	. 224	• 950	.177				•••
		- 800	• l 06						
		. 900	.207						
		•950	.214						





(g) M = 0.80 - Concluded.

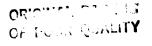
 $4 = 6.48^{\circ}$ ;  $C_{L} = 0.655$ 

	STATION .148	STATION .402	COS. NCITATE	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	<b>.</b>	
X/L CP .731617 .747554 .763564 .778385	X/C CP .223787 .346847 .448701 .487505 .527417 .566323 .605233 .669217 .684261 .724361 .763405 .803360 .882382 .961218	X/C CP 0.000 .732 .003309 .010974 .020767 .025898 .030831 .050887 .100896 .120840 .180969 .250942 .300970 .350930 .400896 .550768 .550768 .550656 .600675 .650654 .700569 .800383 .900273 .950212 .990207	X/C CP  2.000 .833 .010 -1.054 .032 -1.421 .050 -1.421 .100 -1.379 .180 -1.366 .300928 .350767 .400717 .450667 .500615 .550579 .600525 .650511 .700466 .750412 .850357 .950223	x/C CP 0.030 .904 .010869 .030 -1.360 .050 -1.467 .130 -1.333 .180 -1.219 .300775 .350715 .430688 .450661 .530631 .550595 .600543 .650515 .700468 .990248	X/C CP 0.000 .850 .010629 .030 -1.325 .050 -1.409 .100 -1.381 .180 -1.285 .300969 .350675 .400596 .450518 .500489 .550465 .600456 .650435 .700408 .750414 .850249 .950120 .990069
			WING LOWER SURFACE	:	

X/C	CP	X/C	CP	X/C	cr	X/C	CP	X/C	CP
.148	-141	. 005	1.310	.005	.993	.005	.983	.005	.887
• 222	.067	.025	.503	.025	.488	•035	.496	.025	.426
.338	069	.050	.272	.050	. 260	.050	.249	.050	.096
.448	173	- 100	.059	.100	.103	.100	.085	.100	.016
.527	259	.120	.322	.180	038	.130	068	.180	056
-605	307	-180	370	•400	277	.300	175	.300	189
.684	341	.250	135	.500	366	•400	278	.400	272
.724	248	. 300	186	.600	384	.500	352	.500	306
. 763	167	.400	292	.650	240	. 600	335	.600	258
.803	047	.500	383	.700	116	.650	201	.650	168
. 842	<b>.</b> 068	.600	377	. 750	003	.700	094	.700	084
.921	- 148	.650	257	.800	.100	. 750	. 024	.750	-058
.961	. 152	. 700	128	.900	.182	.800	.113	800	-166
		.750	004	.950	.170				
		.800	.085						
		944	174						







(h) M = 0.825

 $\alpha = -2.10^{\circ}$ ;  $C_{L} = -0.214$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	EL4GE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C GP	X/C CP	X/C CP	X/C CP
.731	552	• 223 -•212	0.300 1.039	0.000 1.030	0.000 .989	· .000 .944
. 747	4 96	.346330	.303 .769	.010 .150	.310 .271	.010 .343
.763	522	.448304	.010 .361	.030143	.030142	.030204
.776	322	.487261	.020143	.050165	.050192	.050314
		.527201	.025242	.100263	.100 .234	.100314
		.566134	.037283	.180360	.180329	.180333
		.605067	.050300	.300405	.300447	.300384
		.669071	.100327	.353402	.350461	.350383
		.684136	.120354	.400422	.400465	.400373
		.724273	.180303	.45045R	.4504F2	.450391
		.763312	.250327	.500480	.500487	.500387
		.833254	.300346	.550518	.550502	.550403
		.882378	.353331	.600552	.630530	.600409
		.961182	-400328	.650630	.650523	.650381
			.450340	.700584	.700441	.700360
			.500369	.750344	.990 .124	.750367
			.550408	.850152		.850116
			.600488	.950017		.950 .062
			.650500			.990 .137
			.700600			
			.800281			
			.930079			
			.950 .003			
			.990 .365			

X/C	CP	X/C	S P	x/c	CP	x/C	CP	X/C	CP
.148	239	.005	.443	.005	.402	.035	.282	. 005	.189
.222	2 A9	• 025	583	.025	503	.025	496	. 025	422
.338	415	.050	863	.050	804	•050	657	•050	907
.448	515	.100	813	-100	761	.100	774	.100	855
.527	616	.120	305	.186	794	-180	873	. 180	763
.695	747	.190	779	.400	912	.330	910	.300	743
.684	779	.250	5 16	.500	382	.400	948	.400	761
.724	31i	.300	783	.600	260	.500	317	.500	380
.763	213	-400	~.815	.650	225	.600	250	-600	260
. 803	L39	• 50 0	716	.700	186	.650	209	.650	164
.842	371	.600	273	.750	167	.730	164	.700	053
.921	.055	.650	234	.800	129	.750	106	.750	.050
.961	.119	.700	202	.900	045	.600	041	.800	.133
		. 750	i 83	.950	.096				
		.800	155						
		- 900	049						
		.953	. 725						



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## TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued '

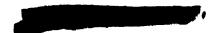
(h) M = 0.825 - Continued

 $\alpha = -1.06^{\circ}$ ;  $C_{L} = -0.116$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
FUSEL AGE  X/L CP  .731537  .747478  .763504  .778320	X/C	A/C CP 0.33 1.354 .303 .649 .313142 .020388 .325533 .030491 .353464 .100454 .120454 .120405 .350406 .350374 .433370 .450370 .530392	X/C CP 0.000 1.045 .010000 .030312 .100381 .180455 .300518 .350454 .400463 .450499 .500514 .550550 .600579 .650597 .700402 .750280	X/C CP 0.000 1.020 .010 .144 .030286 .050360 .100351 .180428 .300558 .350531 .400499 .450498 .500487 .550512 .600509 .700367	X/C CP 0.300 .968 .010 .213 .033356 .050482 .10C387 .180376 .300452 .350393 .400410 .500393 .550406 .600405 .650366 .700344 .750346
		.550429 .600509 .650512 .700610 .800222 .900030 .950 .056	.850088 .950 .067	• • • • • • • • • • • • • • • • • • • •	.850101 .950 .077 .990 .145

X/C	CP	X/C	CP	x/c	CP	X/C	CP	x/c	CP
• 148	1 92	• 005	.581	.005	.576	.005	.435	.005	-304
• 222	253	• 02 5	437	.025	389	.025	377	.025	311
.338	375	.050	630	.050	634	.050	576	.050	788
.448	454	.100	691	•100	630	-100	638	. 100	746
•527	585	.120	681	.180	734	.180	758	- 180	643
• 605	701	. 18(	687	.400	902	. 300	778	.300	665
-684	788	•250	713	.500	849	.430	844	•400	648
.724	325	.300	693	.600	254	.500	618	,500	411
.763	185	-40S	-,745	• 6 50	i96	.600	225	.600	264
<b>.</b> 803	102	•500	~.848	.700	137	.650	151	.650	157
<ul><li>842</li></ul>	036	. 600	2 74	.750	084	. 700	059	.700	037
.921	.085	.650	276	.800	046	.750	•009	.750	.074
•961	-130	.700	-, 173	.900	.065	.800	.075	.800	.151
		.750	140	.950	.134			*****	
		.800	101						
		•900	.022						
		• 950	.110						





(h) M = 0.825 - Continued

(7

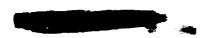
 $\alpha = -0.07^{\circ}$ ;  $C_{L} 0.008$ 

		STATION	.148	OTTATE	N . 402	STATIO	N .595	STATIO	N .775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFACE	E			
X/L	CP	x/c	CP	X/C	CP	¥/C	CP	X/C	CP	x/c	CP
. 731	560	•223 -	327	0.000	1.045	0.000	1.052	0.000	1.035	0.000	. 995
. 747	492	•346 -	512	• 203	.540	.010	217	.010	030	.010	.129
.763	492	.448 -	433	. 01 0	288	.030	540	.030	451	.030	523
.778	316	.487 -	318	• 02 0	570	.050	470	. 050	577	.050	615
		.527 -	250	.025	704	.100	496	-100	455	.100	529
		.566 -	171	.030	781	.183	593	.180	605	.180	420
		-605 -	- • 0 95	• 050	769	.300	636	• 300	660	.300	~.562
		•669 -	- • 0 92	.100	610	. 350	521	.350	696	.350	522
		-684 -	-•152	.120	589	-400	511	-400	704	•400	430
		•724 -	286	.180	606	.450	539	.450	603	. 450	403
		.763 -	320	- 250	487	•500	558	•5 00	472	-500	387
		- 803 -	-•287	. 300	445	-500	581	.550	448	•550	399
		.882 -	344	.350	424	.690	611	.630	463	-600	407
		.961 -	166	.400	404	-650	548	-650	440	.650	373
				.450	595	. 703	361	.700	352	. 700	348
				-500	417	. 750	257	.990	.160	.750	344
				• 550	448	.850	071			-850	097
				.600	522	.950	-104			• 950	.078
				-650	533					.990	.143
				.700	616						
				.800	194						
				•900	.303						
				.950	.094						
				.990	.146						

4.4 \$	NIC		OWE	0		10	•		_
10 1	Ar.	L	UNIT	×	-31	UR	-	At.	

X/C	CP	X/C	CP	x/C	CP	X/C	CP	X/5	CP
-148	141	.005	.704	.005	. 520	.005	.579	.005	.416
.222	212	.025	291	.025	214	.025	222	.025	233
.338	340	.050	421	-050	456	.050	435	-050	628
. 448	425	.160	588	-100	575	.100	565	.100	540
.527	549	.120	583	.180	590	.180	622	.180	542
.605	647	-180	566	<b>.400</b>	713	.300	662	. 300	537
.684	686	•250	564	•500	797	.400	740	.400	551
. 124	280	•30 ú	595	.600	271	. 500	683	.500	434
.763	168	•400	686	.65)	162	.633	246	.600	257
.803	- <b>.07</b> 0	.500	773	.700	073	.650	129	.650	151
.840	.010	.600	- 356	.750	011	.700	026	.700	035
.921	.112	.65)	204	.8GD	.039	. 750	.065	. 750	.083
.961	.151	.700	115	.900	.164	.830	.134	.800	-163
		. 75 0	066	•953	.213				
		.800	015						
		• 90 0	.133						
		.950	.188						

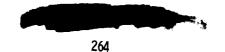


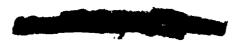


#### (h) M = 0.825 - Continued

 $\alpha = 0.97^{\circ}$ ;  $C_L = 0.152$ 

			-		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
X/L CP .731586 .747530 .763490 .778315	X/C CP .223395 .346573 .448546 .487363 .527274 .566190 .605114 .669110 .684162 .724294 .763340 .803303 .882355 .961162	X/C	X/C CP 0.000 1.036 .010361 .030777 .050701 .100643 .180731 .300817 .350838 .400796 .450673 .500576 .600589 .650474 .700320 .750245 .850070 .950 .101	x/C CP 0.000 1.039 .010159 .030740 .050736 .100647 .130662 .300795 .350831 .400842 .450853 .500830 .550680 .600345 .650323 .700280 .990 .152	X/C CP 0.00C .991 .310012 .030724 .050744 .100758 .180633 .350634 .400645 .450624 .500550 .550391 .600348 .700344 .750344 .750344 .750344 .750349 .750349 .750349 .750349 .750349 .750349 .750349 .750349 .750349 .750349 .750349
	X/C CP .148095 .222159 .338292 .448384 .527503 .605594 .684444 .724279 .763169 .803054 .842 .042 .921 .138 .961 .155	X/C CP .005 .773 .025158 .050248 .100474 .120422 .180439 .250497 .300536 .400611 .500700 .60C358 .650199 .700385 .750 .012 .800 .383 .900 .194 .950 .230	X/C CP .005 .720 .325J94 .050316 .130414 .120454 .430609 .500707 .600301 .650160 .700045 .750 .052 .800 .118 .900 .228 .950 .256	X/C CP .005 .667 .025092 .050270 .130413 .180515 .300553 .400625 .500517 .600283 .650140 .700018 .750 .087 .800 .157	X/C CP .005 .540 .025101 .050484 .100415 .300424 .400465 .500411 .600257 .650148 .700030 .750 .094 .800 .182





(h) M = 0.825 - Continued

 $\alpha = 1.44^{\circ}$ :  $C_{L} = 0.222$ 

FUSELAGE					
			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731591	.223427	0.000 1.016	0.000 1.038	0.000 1.039	0.000 .993
.747572	.346618	.003 .375	.010421	.010227	.010087
.763491	.448657	.010515	.030816	•U30 <b>-•793</b>	.030765
.778313	.487400	.020820	.050772	.050 ~.877	.050852
	•52 <b>7 -•296</b>	.025 ~.989	.100771	.100716	.100811
	.566205	.030 -1.024	.180794	.180730	.180758
	-605126	.050 -1.024	.300870	.300829	.30ù635
	.669118	.100892	.350891	.350869	.350657
	.684168	.120856	.400900	.400870	.400668
	• <b>724 - •29</b> 2	.180808	.450 ~.869	.450904	.450680
	.763 ~.338	.250795	.500805	.500 <b>904</b>	.500el4
	.803312	.300 ~.817	.550596	.550818	.550451
	.882 ~.346	.350785	<b>.600527</b>	.600393	.600367
	.961148	.400432	.650 ~.358	.650 <i>2</i> 93	.650337
		.450399	.700294	.700244	.700328
		.530412	.750235	.990 .152	.750331
		5504%	.850066		.950100
		.600538	.95u .105		.950 .073
		.650550			.990 .133
		.700 532			
		.800198			
		.900 .000			
		.950 .083			
		.990 .138			

X/C	CP	x/c	C P	X/C	СР	X/C	СР	x/c	CP
.148	071	•005	.817	.005	. 753	.005	.719	.005	-586
.222	145	.025	377	.025	029	.025	017	.025	019
. 338	252	.050	201	•050	264	-050	223	.050	428
. 448	360	.100	403	-100	366	-100	354	.100	352
.527	483	.120	379	-180	386	-180	470	.180	356
.605	572	. 180	420	.400	579	.300	511	.300	384
. 584	423	-250	463	.500	665	.400	567	-400	459
.724	280	•300	502	.600	309	.530	517	.500	404
. 763	163	• 40 0	588	.650	165	.600	282	- 500	252
.803	043	• <b>5</b> 0 0	659	.703	035	.650	138	.650	142
. 942	. 052	-600	356	.750	.063	. 700	016	.700	027
• 921	-146	•65)	198	.800	.141	.750	.390	.750	.099
.961	.165	.700	082	.900	.242	.800	.165	.800	.187
		.750	- 330	.953	. 270				
		.800	.098						
		•933	. 233						
		• <b>95</b> 0	.237						





ORIGINAL PAGE IS OF POOR CUMUTY

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#### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continue."

(h) M = 0.825 - Continued

 $\alpha = 1.96^{\circ}$ ;  $C_{L} = 0.295$ 

			L		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	£	
X/L CP	X/C CP	X/ <b>C</b> CP	X/C CP	X/C CP	X/C CP
.731609	.223441	0.000 .996	0.000 1.021	0.000 1.035	0.000 .987
.747573	.346642	.003 .284	.010509	.010312	.010118
.763498	.448693	.010577	.030894	.030862	.030822
.778308	.487505	.020877	.050892	.050935	.050915
	.527334	.025 -1.031	.100812	.100752	-100882
	.566233	.030 -1.110	.180858	.180826	.180828
	.605147	.050 -1.143	.300947	.300888	.300706
	.669141	.100939	.350939	.350906	.350643
	-684186	-120904	.400987	.400933	.400680
	.724306	.180863	.450 -1.006	.450950	.450700
	.763343	-250869	.500 938	.500978	.500711
	.803329	.300863	.550788	.550823	.550564
	.882338	.350891	.600442	.500425	.600 -,381
	.961147	.400887	.650336	.650331	.650331
		.450438	.700270	.170253	.700326
		.500415	.750209	.990 .105	.750321
		.550451	.850064		.850099
		.600517	.950 .097		.950 .069
		.650533			.990 .136
		.700527			
		.800193			
		.900000			
		•950 •081			
		.990 .134			
			WING LOWER SURFACE		
	X/C CP	X/C CP			
	•148041	•005 •872	X/C CP	X/C CP	X/C CP
	.222109	•005 •872	.005 .817	.005 .775	.005 .645
	•338 -•242	•050 <b></b> 150	•025 •362	.025 .075	.025 .020
	•448 <b>-</b> •348	.100355	.050186	.050159	.050356
	.527458	•120 <b>-</b> •347	-100281	.130299	.100308
	.605462	.180370	.180367	.180435	.180321
	.684424	• 250 -• 417	-400528 -500 - 500	.330447	.300370
	.724268	•300 <b>46</b> 4	•500 <b></b> 592	.400523	.400429
	.763163	•400 -•512	.600345 .650172	•500 -•490 •600 -•291	•500 <b>-</b> •393
		• <b>**</b> • <b>**</b> • <b>*</b> • <b>*</b> • <b>*</b> • <b>*</b> • <b>*</b> • • • • • • • • • • • • • • • • • • •	• D DU - • 1 1/	.000791	.600 = 25A



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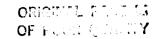
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.270





#### (h) M = 0.825 - Continued

 $\alpha = 2.43^{\circ}$ ;  $C_{L} = 0.346$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP •731640 •747610 •763454 •778307	X/C CP .223486 .346682 .448713 .487719 .527396 .566266 .605169	X/C	X/C CP 0.000 1.018 .010548 .030965 .050946 .100887 .180921 .300976	X/C CP 0.000 1.029 .010361 .030919 .050 -1.009 .100822 .180866 .300942	X/C CP 0.000 .986 .010161 .030888 .050986 .100926 .180879 .300771
	.669147 .684193 .724312 .763354 .803333 .882327 .961142	.100 -1.159 .120 -1.109 .180884 .250907 .300913 .350907 .400918	.350 -1.016 .400 -1.011 .450 -1.045 .500 -1.048 .550558 .600437 .650349 .700296	.350905 .400979 .450992 .500862 .550474 .600397 .650338 .700287	.350761 .400724 .450741 .500721 .550452 .609353 .650330 .700328
		.500480 .550457 .600505 .650502 .700435 .800196 .900007 .950 .074	.750237 .850083 .950 .062	.990 .063	.750327 .850108 .950 .059 .990 .121

x/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	027	• 0.75	.394	.005	.835	.005	.801	.005	.667
.272	101	•025	.104	.025	. 395	. 325	.127	.025	.061
.338	219	.050	078	.050	110	.050	105	.050	291
.448	319	.100	289	-100	232	.100	244	-100	258
.527	437	-120	304	- 180	321	.180	398	. 180	289
.605	429	.180	332	.430	498	.330	412	.300	352
.684	430	. 250	399	.500	578	.400	496	.400	425
. 724	277	.390	424	.600	355	.500	504	.500	391
.763	161	.400	486	.650	185	.600	312	.600	257
.803	337	.500	584	.700	048	.650	158	.650	150
.842	.069	.600	392	.750	.058	.700	037	.700	036
.921	.157	.650	210	. 600	.147	.750	.075	.750	.098
.961	-171	.700	075	.900	.241	.800	.158	.800	.190
		. 750	.042	.95)	.262				
		.800	.110						
		011	226						



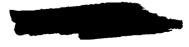


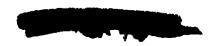
(h) M = 0.825 - Continued

 $\alpha = 2.96^{\circ}$ ;  $C_{L} = 0.392$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELA	GE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	657	•223 -•513	0.000 .956	0.000 1.006	0.000 1.022	0.000 .978
.747	556	.346697	.003 .185	.010614	.010399	.010230
.763	462	.448773	.010727	.030 -1.015	.03098 <b>0</b>	.030927
.778	311	.487720	.020 -1.326	.050995	.050 -1.066	.050 -1.016
		-527446	.025 -1.149	.100965	. 100 ··. 900	-100973
		.566301	.030 -1.234	.180964	.180744	.180905
		.605196	-050 -l-285	.300 -1.033	.300 -1.001	.300830
		.669169	.100 -1.182	.350 -1.057	.350 -1.009	.350791
		.684203	.120 -1.197	.400 -1.066	.400 -1.024	.400785
		.724314	.180935	.450 -1.065	.450813	.450786
		.763353	.250929	.500566	.500 <b>54</b> 3	.500685
		.803295	.300961	.550483	.550444	.550396
		.882306	.350947	.600449	.630404	.600330
		.961141	.400962	.650404	.650362	.650321
			.450874	.700346	.700323	.700328
			.500535	.750293	.990071	.750338
			.550452	.850202		.850124
			.600434	.950014		.950 .047
			.650421			.990 .108
			.700392			
			.800198			
			.900310			
			.950 .066			
			.990 .116			

x/C	CP	X/C	CP	x/c	CP	X/C	CP	X/C	CP
.148	• 009	• 20 5	•924	•005	• 865	.005	.837	•005	.714
.222	073	.025	.140	.025	.162	.025	.163	.025	.131
.338	193	.050	011	.050	044	.050	040	.050	228
.449	302	.100	221	.100	190	.100	188	.100	233
.527	415	.120	248	.180	276	.190	342	-180	266
-605	419	.180	296	.400	469	. 300	384	.300	342
. 684	414	.250	347	.50C	541	.400	459	-400	411
.724	275	.300	394	.600	373	.500	493	.500	390
. 763	163	. 400	453	•650	199	.600	.321	-600	267
.803	039	.500	559	.700	073	.650	171	.650	159
. 842	.073	.600	374	. 750	.037	.700	050	.700	050
.921	•162	.650	217	.800	.136	.750	.060	-750	-086
. 961	.175	. 700	081	.900	• 2 20	.800	-146	- 800	.186
		.750	.038	.950	.243				
		.800	.113						
		.900	.223						
		. 95 ა	.249						





(h) M = 0.825 - Continued

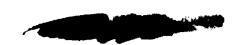
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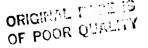
 $\alpha = 3.99^{\circ}$ ;  $C_{L} = 0.467$ 

		STATION .148	STATIUN .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	671	.223576	<b>J.</b> 330 <b>.</b> 906	0.000 .979	J.000 1.003	0.000 .958
.747	462	.346 ~.719	.003 .070	.010713	.010503	.010326
. 763	453	.448843	.010818	.030 -1.103	.030 -1.056	.030 -1.010
.778	313	.487890	.020 -1.107	.050 -1.109	.050 -1.147	.050 -1.106
		.527550	.325 -1.250	.100 -1.051	.100 -1.016	.100 -1.076
		.566380	.030 -1.324	.180 -1.078	.180 -1.031	.180 -1.017
		.605249	.050 -1.392	.300 -1.130	.300 -1.077	.300945
		<b>.669201</b>	.100 -1.352	.350 -1.097	.350932	-350912
		.684224	.120 -1.320	.400659	.400610	.400877
		.724305	.180 -1.272	.450555	.450515	.450737
		.763326	.250981	.500524	.500491	.500441
		.803275	.300994	.550 <b>505</b>	.550468	.550349
		.882289	.350 -1.005	.600477	.600451	.600340
		.961155	.400 -1.011	.650464	.650426	.650354
			.450 -1.029	.700430	.700403	.700362
			.500593	.750403	.990194	.750386
			.550456	.850329		.850173
			.600392	.950244		.950000
			.650355			.990 .058
			.700332			
			.800203			
			.900038			
			.950 .038			
•			.990 .087			
			••••			

X/C	CP	x/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.051	.005	.964	. 0 05	.911	.005	.893	.005	.714
. 222	028	. 025	.260	.025	.267	.025	.256	.025	.227
.338	160	.050	. 375	.050	.058	.050	.044	.050	130
.448	262	.100	150	.100	092	.100	112	. 100	163
527	369	.120	158	.180	211	.180	257	.180	206
-605	408	.180	217	.400	421	. 300	323	.300	306
.684	410	.250	285	. 500	524	.400	416	.400	394
.724	272	.300	324	.600	443	-500	492	. 500	408
. 763	158	<b>.</b> 400	412	.650	233	.600	365	-600	287
-803	035	.500	577	.700	085	.650	197	.650	176
.842	.073	.600	410	. 750	.017	.700	078	. 700	060
.921	.165	.65 C	236	.800	.112	.750	.038	.750	.075
. 961	.175	. 700	098	.900	.198	.800	.122	.800	.177
	-	. 750	.029	.950	-193				_
		.800	.101						
		.900	.216						
		. 950	.236						
		.800 .900	.101 .216	•950	.193				







(h) M = 0.825 - Continued

 $\alpha = 5.00^{\circ}; C_{L} = 0.529$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP •731 -•675 •747 -•407 •763 -•472 •778 -•324	X/C CP •223660 •346751 •448879 •487972 •527613 •56644J •605298	X/C CP 3.300 .856 .003035 .010919 .020 -1.190 .025 -1.338 .030 -1.399 .050 -1.485	X/C CP 0.000 .935 .010796 .030 -1.169 .050 -1.168 .100 -1.145 .180 -1.159 .300933	X/C CP 0.000 .988 .010597 .030 -1.140 .050 -1.236 .100 -1.130 .180 -1.116 .300726	x/C CP 0.000 .931 .010400 .030 -1.086 .050 -1.160 .100 -1.152 .180 -1.098 .300 -1.021
	.669232 .684234 .724299 .763297 .803265 .882300	.100 -1.455 .120 -1.428 .180 -1.392 .250 -1.297 .300 -1.075 .350 -1.038	.350640 .400606 .450583 .500563 .550537 .600519	.350624 .400573 .450551 .500544 .550513 .600491	.350940 .400706 .450527 .500420 .550388 .600374
		.450732 .500556 .550521 .600428 .650403 .700345 .800215 .900069 .950016	.700480 .750457 .850401 .950323	700449 .990292	.700378 .750380 .850217 .950080 .990042

HILMC	LOWED	SURFAC	c

X/C	CP	X/C	C.P.	X/C	CP	x/C	CP	X/C	CP
.148	.085	•005	.999	-005	.944	.005	. 944	.005	-810
.222	.003	•025	.361	. 025	. 364	.025	.348	.025	.312
.338	116	•05 ∪	.167	.050	.142	-050	.127	-050	047
.448	226	.100	361	.100	038	-130	028	.100	120
.527	335	-120	062	- 180	136	.186	177	.180	151
.605	378	.180	155	. 600	376	.3 30	273	.300	279
.684	403	<b>- 2</b> 50	222	.500	474	.400	386	-400	372
. 724	275	.300	265	.600	503	•530	465	.500	409
. 763	164	.400	371	-650	247	.600	394	-600	301
.803	0 35	.500	487	. 700	113	.650	212	.650	193
. 642	.077	•600	442	.750	.005	.700	101	.700	090
• 921	.166	•650	246	.800	.101	. 150	.024	. 750	.059
.961	•1 73	.700	107	.900	.174	.800	.107	.800	.163
		.75 C	.023	.950	.163				
		.800	.106						
		. 90 û	.206						
		• 950	.223						



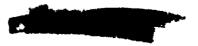


TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(h) M = 0.825 - Continued

a = 6.00° C<sub>L</sub>= 0.598

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	F	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	594	.223726	0.000 .906	0.000 .906	0.000 .457	0.000 .840
.747	446	.346793	. 003 139	.010848	.010700	.010497
. 763	559	.448918	.010979	.030 -1.257	-030 -1-200	.030 -1.170
.778	351	.487848	.020 -1.271	.053 -1.274	.050 -1.314	.050 -1.265
		.527539	.025 -1.396	.100 -1.230	.100 -1.197	.100 -1.242
		.566409	.030 -1.468	.180 -1.235	.180 -1.119	.180 -1.165
		.605286	.050 -1.565	.300885	.300674	.300906
		.669235	.100 -1.530	.350696	.350633	.350691
		.684234	.120 -1.519	.400659	.400609	.400598
		.724297	.180 -1.422	.457626	.450599	.450536
		.763294	.250989	.500599	.500580	.500500
		.803279	.300894	.550577	.550546	.550477
		.882 ~.355	.350805	.600554	.600530	.600451
		.961197	.400792	.650534	.650498	.650427
			.450738	.700486	.700487	.700393
			•500 -•5 <b>99</b>	.750458	.990328	.750391
			.550636	.850408		.850 ~.288
			.600586	.950331		.950191
			.650503			.990164
			.700464			
			.800371			
			.900303			
			•950 -•222			
			•990 <b>194</b>			
				WING LOWER SURFACE	<b>:</b>	
		X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
		-148 -146	.005 1.018	.005 .976	.005 .964	.005 .861
		•222 •053	•025 •440	.025 .455	.025 .431	.025 .379
		.338094	.050 .238	.050 .221	.050 .195	.050 .044
		.448199	.100 .009	.100 .055	.100 .037	.100038
		•527 <b>-•2</b> 96	.120016	-180092	-190125	.180115
		.605350	.180095	.400337	.300236	.300244
		.684390	-250166	-500438	.430342	.400343
		.724274	- 300228	.600 - 515	500 - 464	500 - 304



.600

.650

.700

.750

.800

.900

.950

.724

.763

.803

.842

.921

.961

-.274

-.173

-.049

.064

- 160

. 168

. 300

•400 •500

.600

.650

.700

. 750

.800

.900 . 950

-.228

-.322

-.451

-.478

-.266

-.133

-.006

. 380

.178

.159

-.438 -.515

-.261

-.122

-.009

.084

.162

-.464

-.432

-.221

-.109

.016

. 132

-500

.630

.650

.730

.750

- 430

-.394

-.308

-.208

-. 107

.040

.146

. Salinear

.500

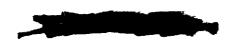
.600

.650

.700

.750

.800

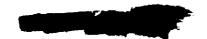


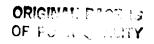
(h) M = 0.825 - Concluded

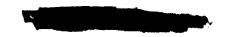
 $\alpha = 6.91^{\circ}$ ;  $C_{L} = 0.653$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731580 .747763 .763861 .778397	X/C CP .223774 .346832 .448724 .487476 .527365 .566290 .605202 .669202 .684216 .724316 .763377 .803399 .882607 .961224	X/C CP 0.000 .760 .003249 .010852 .020838 .025838 .030768 .050743 .100880 .120883 .180740 .250812 .300837 .350938 .400795 .450841 .500795 .550761 .600731 .650667 .700612 .800509 .900406 .950348 .990284	X/C CP 0.000 .85% .010964 .030 -1.319 .050 -1.320 .100 -1.289 .180 -1.287 .300935 .350824 .400699 .450665 .500614 .550592 .600563 .650563 .650514 .750493 .850421 .950311	X/C CP 0.000 .936 .010781 .030 -1.256 .950 -1.370 .100 -1.254 .180 -1.081 .300718 .350678 .400661 .450644 .500664 .500565 .650536 .700531 .990352	X/C CP 0.000 .870 .210576 .030 -1.212 .050 -1.310 .100 -1.294 .180 -1.223 .300842 .350676 .400604 .450582 .500542 .500542 .500542 .500473 .700483 .750403 .850333 .950243 .990219

X/C -148 -222 -338 -448 -527 -603 -684 -724 -763 -803 -842 -921	CP .177 .085 052 159 264 329 409 286 194 054 062 146 .149	X/C .025 .025 .050 .100 .120 .180 .250 .300 .400 .500 .650 .700 .750 .800	0 P 1.0 31 541 .295 .067 -038 -123 -185 -286 -426 -508 -281 -145 -021 .066 .161	X/C •005 •025 •050 •100 •100 •400 •650 •750 •750 •800 •900	CP 1.J00 -517 -312 -119 030 294 403 567 271 123 013 090 167 153	X/F .005 .025 .050 .100 .180 .330 .400 .500 .650 .700 .750	CP .984 .513 .263 .096 ~.063 185 310 423 423 423 112 .016 .096	X/C .005 .025 .050 .100 .180 .300 .500 .600 .650 .700	CP .889 .447 .103 .017 069 210 385 319 212 110 .033 .148
		.900 .950	.161 .136						





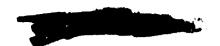


(i) M = 0.85

 $\alpha = -2.07^{\circ}$ ;  $C_{L} = -0.164$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGF			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731484	-223205	J.00J 1.058	0.000 1.038	0.000 1.007	0.000 .961
.747501	•346335	.003 .768	.010 .146	.010 .272	.010 .314
.763705	<b>.448 ~.3</b> 09	.010 .115	.030174	.030119	.030247
.778372	.487249	.020169	.050135	.050215	.050319
	.527183	.025263	.100252	.130240	.100316
	.566108	.030343	.180375	.180349	.180337
	.605035	.050374	.300430	.370 ~.511	.300479
	.669033	-100360	.350406	.350516	.350459
	.684093	.120371	.400428	.400492	.400456
	.724228	-180315	.450456	.450514	.450450
	.763277	.25C334	.500477	.500536	.500440
	.803256	.300 ~.343	.550521	.550578	.550477
	.882464	• 350 - • 321	.600561	.600601	.600511
	.961270	.400320	.650644	.650622	.650520
		.450324	.700674	.700680	.700558
		•50034?	.750724	.990 .016	.750546
		.550382	.850364		.850109
		•600 <b>-•4</b> 56	.950144		.950 .057
		•650475			.990 .125
		•700571			
		.800719			
		.900203			
		.950101			
		.990343			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	209	- 005	. 505	.005	-447	.005	.355	-005	.260
-222	272	.025	510	.025	429	.025	425	.025	335
.338	381	.050	834	.050	686	.050	610	-050	804
.448	494	.100	/35	.100	728	.100	697	. 100	806
•527	581	. 120	732	.180	755	.180	799	-180	752
• 605	708	.180	705	.400	870	.300	850	.300	749
.684	865	.250	733	.500	320	.400	864	-400	781
. 724	412	. 300	734	.600	253	.500	360	.500	725
. 763	289	.400	778	.650	236	.630	280	.600	259
. 803	254	.500	767	.700	220	.650	265	.650	201
. 842	201	•600	297	.750	216	.700	234	.700	115
• 92 1	103	.650	287	.800	197	.750	220	.750	051
.961	003	. 700	275	.900	176	.800	185	. 800	.028
		. 750	257	.950	144				
		.800	222						
		.900	160						
		. 950	105						



## ORIGINAL PAGE IS OF POOR QUALITY

## TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continuec ,

#### (i) M = 0.85 - Continued

 $\alpha = -1.08^{\circ}$ ;  $C_{L} = -0.088$ 

FUS EL AGE  X/L CP  .731503  .747530  .763705	X/C •223 •346 •448	CP 260 435	x/C 0.000	CP		PER SURFACI	ŧ			
.731503 .747530	.223 .346	260		CP	u 46					
.747530	.346		0.000		X/C	CP	X/C	CP	X/C	CP
		4 35		1.065	0.000	1.047	0.000	1.036	0.000	.971
.763705	.448	. 422	.003	.659	.013	. 321	.010	.124	.010	.225
		372	.010	103	.030	315	-030	271	. 030	339
.778354	. 48 7	2 74	.020	324	.050	295	.050	3 30	. 050	487
	.527	206	. 02 5	464	. 100	380	.100	324	-100	413
	.566	127	-030	468	.180	488	.180	411	.180	373
	.605	049	.050	4 / !	.300	513	.300	572	. 300	543
	.669	045	- 100	452	.350	485	.350	610	.350	530
	.684	101	.120	477	.400	481	.400	617	-400	545
	.724	233	.180	495	.450	502	.450	613	.450	557
	. 763	282	-250	370	.500	525	.500	609	.500	569
	. 803	252	• 300	386	.550	556	.550	601	.550	560
	.882	470	.350	379	.600	588	.630	638	.600	498
	.961	200	.400	35l	. 650	669	.650	662	. 650	434
			-450	345	.700	700	.700	701	.700	437
			.500	364	.750	743	.990	.090	.750	414
			-550	402	.850	191	•		.850	096
			.600	479	.950	044			. 950	.073
			-650	494	• • • •				.990	.132
			. 700	588					• • • • • • • • • • • • • • • • • • • •	••••
			. 800	713						
			.900	121						
			• 950	038						
			.990	.001						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
.148	166	•005	.610	.005	.546	.005	.504	-005	.342
.222	228	. 02 5	374	.025	340	.025	296	.025	258
.338	353	.050	618	.050	579	.050	518	.050	737
.448	455	. 100	632	.100	587	-100	581	.100	705
. 527	550	-120	653	.180	652	. 180	724	.180	667
.605	680	.180	655	.400	775	.300	755	.300	662
.684	818	.250	687	.500	498	.400	808	. 400	706
. 724	463	- 300	674	.600	232	.500	551	.500	763
. 763	273	.400	/21	.650	214	.630	256	.600	231
.803	221	.500	613	.700	2 )6	.650	230	.650	149
.842	174	.600	259	. 750	194	.700	204	.700	059
. 921	046	.650	260	.800	180	.750	184	.750	.014
.961	• 042	.700	244	.900	124	.800	128	.800	.084
		.750	234	.950	081				.004
		.800	212	,					
		. 900	139						





TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continue1

(i) M = 0.85 - Continued

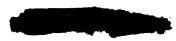
 $\alpha = -0.07^{\circ}$ ;  $C_{L} = 0.009$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP •731 -•537 •747 -•592 •763 -•699 •778 -•311	X/C CP .223308 .346501 .448442 .487298 .527221 .566140 .605062 .669054 .684110 .724240 .763294 .803275 .882474 .961149	X/C CP 0.000 1.060 .003 .559 .010267 .020546 .025654 .030721 .050741 .100573 .120591 .180594 .250641 .300662 .350381 .400345 .450357 .500374 .550413 .600489 .650501 .700593 .800522 .900053 .950 .017	X/C CP 0.000 1.054 .010175 .030478 .050470 .100585 .300682 .350682 .350689 .450585 .500505 .550505 .550552 .600682 .700718 .750481 .850103	x/C CP 0.000 1.045 .010 .013 .030460 .050624 .100414 .180562 .300667 .350699 .400710 .450738 .500753 .550779 .600765 .650649 .700308	X/C

						-			
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148 .222	129 1 <b>6</b> 4	.005 .025	.708 247	.005	.628 179	.005	.588 188	.005	.449
.338	312 385	.050 .100	357 528	.050	452 519	-050	356	• 05 0	165 586
527 -605	519 632	-120	557	-180	544	•100 •180	508 619	.100 .180	555 523
.684	779	• 180 • 250	554 573	-400 -500	696 788	. 300 .400	643 726	.300 .400	601 620
.724 .763	514 263	•300 •400	566 658	.600 .650	243 206	.500 .600	81'	•500 •600	695 234
.803 .842	176 124	•500 •600	758 296	.700 .750	183 156	.650 .730	194	-650	140
.921	.021 .106	.650 .700	237 214	. 800	139	.750	148 104	•700 •750	043 .039
*,**	• 100	.750	191	.900 .950	060 .008	.830	067	. 800	-106
		•803 •900	166 100						
		<b>- 95</b> 0	013						







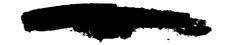
#### (1) M = 0.85 - Continued

 $\alpha = 0.97^{\circ}$ ;  $C_{L} = 0.117$ 

		OTATE	N .145	STATEO	N .402	STATIO	N .595	STAT IO	N .775	STATIO	N .913
FUS	ELAGF					WING UPP	ER SURFACI	E			
X/L	CP	x/C	CP	X/C	CP	x/C	CP	X/C	CP	X/C	CP
. 731	521	. 223	368	0.000	1.036	0.000	1.047	0.000	1.042	0.000	. 497
.747	630	.346	573	• 003	.453	-010	329	.010	118	-010	.028
.763	694	.448	628	-010	403	.030	705	.030	672	.030	645
.778	295	-487	402	.020	668	. 050	664	.050	661	.050	681
		• 52 7	270	.025	829	-100	605	. 100	600	-100	705
		.563	169	.030	869	.180	707	.180	632	-180	635
		-605	084	.050	876	. 300	788	.300	750	-300	613
		.669	077	-100	769	.353	800	.350	787	.350	631
		-684	127	- 120	779	-400	821	.400	812	.400	643
		. 724	- •2 54	-180	712	.450	798	.450	836	.450	677
		.763	295	.250	730	. 500	811	-500	848	.500	703
		.803	287	.300	741	•550	840	.550	849	.550	725
		.882	489	. 350	753	•600	626	.67^	377	.600	634
		•961	134	-400	765	.650	53l	. 650	288	.650	314
				-450	361	.700	353	.730	250	-700	257
				-500	356	. 750	222	.990	.022	. 750	252
				•550	404	.850	066			.850	070
				.699	481	.950	.078			.950	.080
				.650	512					.990	-130
				.700	612						
				-800	291						
				.900	013						
				950	.053						
				• 990	.098						

X/C	CP	X/C	CP	x/c	CP	<b>Y/C</b>	CP	X/C	CP
.148	075	.005	.807	.005	.731	.005	.671	-005	.543
.222	144	.025	107	.025	041	-025	059	-025	083
. 338	264	.050	230	.050	298	.050	251	.050	483
.448	-,363	.100	450	.100	407	.100	403	-100	431
.521	483	.120	434	. 180	411	.180	498	• 130	458
.605	591	. 190	463	.400	633	-300	576	.300	524
. 584	742	.250	472	.500	730	.400	654	-400	585
.724	590	.300	512	.600	324	.500	758	-500	~.663
.763	238	. 400	593	.650	211	. 600	313	.600	268
.803	121	.500	715	.700	186	.650	210	.650	147
.842	054	.600	402	. 750	133	.700	146	.700	045
.921	.074	.650	244	.800	106	.750	075	.750	-053
.961	.143	. 700	1 95	•900	.006	.803	014	.800	.126
		. 750	169	.950	.082				
		.800	141						
		.900	034						
		.950	.052						





#### (i) M = 0.85 - Continued

 $\alpha = 1.46^{\circ}$ ;  $C_{L} = 0.168$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731540	.223400	0.000 1.027	0.000 1.042	0.000 1.041	0.000 .995
.747655	.346601	.003 .382	.010348	.010189	.010 .003
.763683	.448643	.010494	.030756	.030730	.030692
.778288	.487548	.020749	.050751	.050785	.050785
	.527312	.025893	-100671	.100646	.100755
	.566196	.030 ~.950	.180763	.180685	.180730
	.605108	.050935	.300834	.300789	.300652
	•669 <b></b> 092	.100816	-350836	.350818	.350637
	.68:136	-120812	.400857	.400844	.400659
	.724256	.180766	-450866	-450871	.450689
	.763308	-250766	-500863	500855	.500717
	.893298	.300788	.550881	550 <b>490</b>	.550738
	.88249l	.350798	.600610	.600336	.600575
	.961131	• <b>40</b> 0 ~- <b>8</b> 03	.650342	.650297	.650289
		.450476	.700271	.700265	.700254
		.500389	.750221	.990031	.750257
		.550400	.850104		.850082
		.600472	.950 .040		.950 .072
		<b>.650508</b>			.990 .119
		.700605			
		.800230			
		.900 .004			
		.950 .073			
		.990 .115			

	• •								
X/C	CP	X/C	ÇP	X/C	CP	X/C	CP	X/C	CP
. 148	050	•005	.830	-005	.788	.005	.703	.005	.588
.222	126	.025	019	•025	018	.025	.020	.025	051
.338	246	.050	155	.050	237	.050	203	.050	439
.446	341	. 100	390	.100	330	-100	~.346	.100	375
. 527	460	.120	386	-180	388	- 180	468	.180	391
.605	581	.180	389	-400	588	.300	543	.300	506
.684	128	-250	440	-500	714	.400	604	- 400	548
.724	536	. 300	491	-600	389	•500	728	.500	649
. 763	211	•400	575	.650	228	.600	367	.600	256
.803	099	•500	692	-700	173	.650	208	.650	152
.842	025	.600	527	.750	122	.700	119	.700	045
.921	.107	.650	244	.803	082	.750	758	.750	.056
.96	.146	.700	192	.900	.042	.800	03	-800	.130
		• 75 )	144	.950	-090				
		.800	108						
		.900	.012						

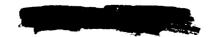




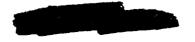
TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(i) M = 0.85 - Continued

 $\alpha = 1.96^{\circ}$ ;  $C_{L} = 0.217$ 

		STATIO	N .149	STAT 10	N .402	STATIO	N .595	STATIO	.775	STATIO	N .913
FUS EL	AGE					WING UPP	ER SURFACI	E			
X/L	CP	X/C	CP	x/C	CP	X/C	CP	x/C	CP	X/C	CP
.731 -	.571	•223	437	0.000	1.002	0.000	1.030	0.000	1.039	0.000	.991
.747 -	.679	.346	623	.003	.334	.010	412	.010	229	•010	044
.763 -	.619	.448	673	.010	540	.030	827	.030	785	.030	740
.778 -	.287	.487	690	.020	809	.050	806	.050	858	-050	830
		.527	381	. 02 5	947	. 100	741	-100	679	-100	798
		• 566	237	. 0 30	-1.042	.180	799	.180	771	.180	191
		.605	134	.050	-1.030	.300	888	. 390	830	-360	728
		.669	115	.100	-1.014	. 350	904	.350	852	.350	691
		-684	150	.120	934	.400	922	.430	873	-400	695
		. 724	265	. 180	907	.450	934	. 450	880	.450	701
		.763	324	. 250	811	.500	942	.500	683	.500	736
		.903	310	.300	834	. 550	535	.550	367	- 550	729
		.882	~.512	.350	840	.600	418	.600	333	-600	492
		. 961	129	. 400	845	.650	340	.650	309	-650	282
				.450	825	.700	309	.700	286	.700	261
				.500	453	.750	264	-990	090	.750	272
				•550	425	.850	203			<b>-85</b> 2	104
				. 600	4 72	. 950	070			.950	.056
				.650	505					.990	.134
				.700	587						
				.800	211						
				. 900	.004						
				.950	.075						
				.990	.113						

X/C	CP	X/C	CP	x/C	CP	X/C	CP	x/c	CP
. 148	032	- 005	.872	.005	.791	.005	.749	.005	-606
-222	100	.025	.330	.025	.341	. 025	.053	.025	033
.338	229	.050	107	.050	161	.050	159	.050	385
.448	327	.100	344	-100	287	.100	298	.100	-, 335
. 5 27	453	.120	340	. 180	~.357	.160	437	-180	381
.605	553	.180	351	.400	554	.3 3^	489	.300	477
-684	709	. 250	426	.500	674	. 400	579	-400	517
. 724	531	.302	468	.600	644	.500	692	.500	611
.763	195	•400	558	.650	241	.600	519	-600	290
<b>.</b> 803	075	.500	665	.700	174	.650	246	.650	156
. 842	005	.600	755	.750	113	.700	48	.700	048
·: 11	-109	.650	268	.800	068	.750	076	. 750	.056
.9 1	-152	.700	188	.900	.056	.850	015	.800	.132
		. 750	149	.950	.123				
		.800	100						
		.900	. 349						
		- 950	.151						





#### (i) M = 0.85 - Continued

 $\alpha = 2.47^{\circ}$ ;  $C_{L} = 0.267$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731596	.223456	0.000 1.005	0.000 1.329	0.000 1.042	0.000 .996
.747734	.346637	.003 .278	.010468	.010289	.010093
.763635	.448716	.010585	.030846	.030832	.030785
.778284	.497729	.020861	.050866	.050909	-050090
	.527443	.025 -1.006	.100804	.100771	.100846
	.566280	.030 -1.104	.180860	.180830	.180807
	.605160	.050 -1.136	.300913	.300878	.300755
•	.669127	.100 -1.065	.350934	.350904	-350731
	.684151	.120 -1.060	.400964	.400920	.400739
	.724271	.180828	.450985	.450801	-450746
	.763336	.250846	.500710	.500450	.500766
	.803331	.300876	-550426	.550384	.550728
	.882488	.350868	.600 ~.395	.600354	.600399
	.961130	.400384	.650371	.650337	.650274
		•450 -•9 <b>0</b> 6	.700342	.700324	.700262
		.500685	.750309	.990137	.750279
		.550471	.850242		.850113
		.600468	.950133		.950 .045
		.650444			.990 .088
		.700452			
		.800207			
		.900004			
		.950 .065			
		.990 .102			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
.148	008	-005	.895	.005	.834	.005	.799	.005	-646
.222	074	.025	·1 75	.025	.103	.025	.125	.025	.056
.338	207	•050	042	.050	128	.050	109	.050	321
.448	310	.100	288	.100	227	.130	257	.100	283
.527	433	.120	288	.180	326	-180	~.403	.180	352
.605	535	.180	313	-400	538	.300	417	.300	445
.684	679	. 250	~.387	.500	~.650	.430	552	.400	498
. 724	4 96	.300	438	.662	821	•500	665	.500	604
.763	174	.400	524	.65.	279	.600	743	.600	358
.803	061	- 50 0	~.632	.70	166	-650	259	. 650	164
.842	.023	.600	807	.7: )	101	.700	143	.700	052
.921	.136	•650	288	900	052	. 750	061	.750	. 054
.961	.164	.700	178	•900	.103	.800	009	.800	.130
		-50	105	.950	.132				
		. 860	047						
		906	.107						
		050	1.00						

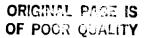


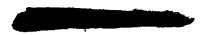


(i) M = 0.85 - Continued

 $\alpha = 2.99^{\circ}$ ;  $C_{L} = 0.315$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731618	.223473	3.000 .986	9.000 1.0 <i>2</i> 0	0.000 1.042	0.000 .982
.747758	.346644	.003 .253	.010515	.010305	.010134
.763530	.448751	.010626	•030 <b>92</b> 0	.030869	.030830
.778286	.487802	.020911	.050888	.050954	<b>.</b> 050 - <b>.9</b> 19
	.527497	.025 -1.064	.100 <b>873</b>	.100842	.100900
	.566330	.030 -1.147	.180691	.180870	.180852
	-605202	.050 -1.195	.3009:9	.300924	.300790
	.669152	-100 -1.117	.350971	.350953	.350780
	.684174	.120 -1.117	.400996	.400898	.400782
	.724283	.180858	.450793	.450633	<b>.45078</b> 6
	.763353	-250870	•500 -•48?	.500439	.500802
	.803345 .882414	.300993 .350910	.550+27 .600+17	.550398	.550699 .600364
	.961135	.350910 .400914		.600387 .650370	.600364 .650288
	. 701 137	.450935	.650398 .700360	.700347	.700276
		.500841	.750355	.990189	.750290
		.550510	.850309	.,,,,	.850138
		.600429	.950229		.950 .004
		.650390	0,,,		.990 .050
		.700395			0,10
		.800203			
		.900028			
		.950 .038			
		.990 .082			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148 .017	.005 .923	.00 .862	.005 .828	.005 .704
	•222 <b>-•066</b>	.025 .137	.325 .151	.025 .143	. 325 . 092
	.338192	•05003%	.050051	.050070	.050265
	.448301	.100242	.103209	00 ~.211	.100260
	-527421	.120232	.180282	.180344	.180310
	.605523	·180288	.400508	.370398	.300375
	-684661	.250356	.500625	.400523	.400497
	•724 -•446	-300405	.600809	.500628	.500599
	.763175	.400496	.650332	.600790	.600368
	.803056	.500615	.703169	.650272	.650175
	.842 .033	.600798	.750092	.700136	.700059
	.921 .139 .961 .165	.650297	.800036	.750054	.750 .051
	.961 .165	.700149 .750358	.900 "109	·830 .039	.800 .126
		.800008	.950 .127		
		.90C .147			
		•950 •197			
		2330 1191			



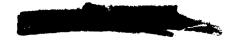


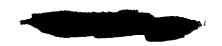
#### (i) M = 0.85 - Continued

 $\alpha = 3.98^{\circ}; C_{L} = 0.397$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731656 .747764 .763411 .778294	X/C CP .223558 .346668 .448797 .487885 .527643 .566428 .605275 .669203	X/C CP 0.000 .944 .003 .144 .010738 .020 -1.015 .025 -1.143 .030 -1.231 .050 -1.306 .100 -1.250	X/C CP 0.000 .993 .^10624 .030999 .0°3985 .100967 .180987 .300 -1.039 .350989	X/C CP 0.000 1.027 .010408 .030954 .050 -1.045 .100937 .180955 .300999 .350811	x/C CP 0.000 .968 .010239 .030919 .050 -1.001 .100978 .180953 .300893 .350875
	.684203 .724294 .763375 .803363 .882331 .961144	.120 -1.241 .180 -1.184 .250924 .300935 .350942 .400951 .450977 .500979 .550526 .600425 .650372 .700331 .800204 .900069 .950013	.400634 .450483 .500474 .550452 .600445 .650429 .700437 .750416 .850375 .950317	.400530 .450480 .500453 .550442 .600427 .650410 .730397 .990274	.+00845 .+50839 .500715 .550501 .600362 .650315 .700325 .750336 .850192 .950066

			••	v 46	60	v 15	6.0	v.r	CP
X/C	CP	x/C	SP	X/C	CP	X/C	CP	X/C	
.148	. 065	.005	•960	•005	.912	.005	.879	.005	.739
.222	028	.025	- 251	-025	.258	.025	. 249	. 025	.205
.338	155	.050	.073	. 0 50	.048	.050	.030	•050	157
.448	269	.100	147	.100	<b>123</b>	.100	117	.100	198
.527	390	. 120	162	.180	215	.180	269	.180	250
.605	473	.180	-• 2 20	.40)	449	.300	341	.300	342
.684	609	.250	291	. 500	567	.400	460	• 400	466
.724	411	.330	351	.600	776	.500	578	.500	565
.763	180	. 400	437	•650	434	.600	786	.600	498
.803	053	.500	575	.700	190	.650	320	.650	194
.842	.043	.600	745	.750	087	.700	139	.700	079
.921	. 148	.650	390	.800	029	.750	056	. 750	.040
.961	.165	.700	161	.900	.117	.800	-016	-800	.113
		.750	376	.950	.125				
		. 800	007						
		.900	.145						
		960	1 04						





ORIGINAL PACT IS OF POOR QUALITY

## TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(i) M = 0.85 - Continued

 $\alpha = 4.93^{\circ}$ ;  $C_{L} = 0.467$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731677 .747693 .763409 .778307	X/C CP .223624 .346702 .448829 .487939 .527753 .566504 .605346 .669259 .684238 .724309 .763378 .803384 .882324 .961158	X/C CP 0.000 .900 .003 .053 .010821 .020 -1.080 .025 -1.209 .030 -1.295 .050 -1.375 .100 -1.337 .120 -1.335 .180 -1.289 .250 -1.225 .300 -1.225 .300 -1.987 .400986 .450988 .550987 .400986 .450988 .550527 .600452 .650418 .700356 .800234 .900039	X/C CP 0.000 .973 .010697 .030 -1.052 .050 -1.095 .100 -1.038 .183 -1.360 .300 -1.056 .353714 .403569 .453529 .500524 .553501 .600490 .650478 .700477 .753472 .850435 .950389	X/C CP 0.000 1.006 .010485 .030 -1.028 .050 -1.126 .100 -1.017 .180 -1.021 .300779 .350578 .00534 .450518 .500495 .550484 .600475 .650454 .700443 .990339	X/C CP  3.000 .954  .010308  .030974  .050 -1.086  .100 -1.058  .180 -1.008  .300952  .350928  .400877  .450631  .500526  .550459  .600407  .650381  .700373  .750360  .850275  .950179  .990159

X/C	CP	x/c	SP	X/C	CP	x/c	CP	X/C	CP
.148	. 093	. 005	.993	•005	.945	.005	.924	.005	.795
•222	.025	.025	. 3 39	.025	.338	.025	. 321	. 025	.280
. 338	125	• 05 0	-158	.050	.109	.050	.103	.050	081
.448	240	-100	068	.133	-,023	.100	055	.100	112
527	355	. 120	084	.180	168	.180	191	.180	192
.605	391	.180	166	.400	404	.300	298	.300	320
-684	603	•250	243	• 500	531	•400	417	.400	442
.724	388	.330	302	.600	~.749	.500	553	. 500	545
. 763	176	<b>- 4</b> 00	387	.650	547	.600	769	.600	581
. 833	051	•500	522	.700	166	•650	462	.650	-,213
.842	.056	.600	731	.750	073	.700	153	.700	093
.921	. 149	.650	466	.803	.024	. 750	048	. 750	.023
.961	.164	.700	167	.900	-130	.800	.014	.800	.130
		.75)	344	. 950	. 128			•	
		.800	.027						
		- 90 1	-162						



TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

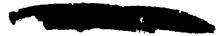
#### (i) M = 0.85 - Continued

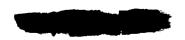
 $\alpha = 5.95^{\circ}; C_{L} = 0.538$ 

		STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FU\$	ELAGE			WING UPPER SURFACE	F	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	622	.223670	0.000 .840	0.000 .931	0.000 .983	0.000 .922
.147	623	.346747	.003065	.010797	.010613	.010397
.763	620	.448859	.010885	.030 -1.129	.030 -1.102	.030 -1.049
.778	352	-487980	.020 -1.149	.050 -1.153	.050 -1.193	.050 -1.148
		•527 <del>-</del> •635	.025 -1.271	.100 -1.108	.133 -1.080	.100 -1.132
		.566462	.030 -1.349	.180 -1.131	.180 -1.094	.180 -1.090
		.605334	.050 -1.435	•303 <b>87</b> 2	.300625	.300 -1.003
		.669254	.100 -1.421	.350 ~.681	.350587	.350812
		.684228	.120 -1.405	.400598	.400558	.400599
		.724282	.180 -1.361	.450572	.450549	.450 ~.551
		.763327	.250973	.500 <b>5</b> 73	.500541	.500518
		.803304	.300828	.550535	.550528	.550489
		.882377	.350785	.600 - <b>.5</b> 31	.600505	.600466
		.961226	-400749	.650517	.650483	.650439
			•450 -•713	.700507	.700470	.700428
			•500 -•653	.750477	.990382	.750406
			.550642	.850440		.850345
			.600581	.950373		.950265
			•650524			.990260
			.700484			
			.800398			
			.900315			
			.950 260			
			.990247			

#### WING LOWER SURFACE

X/C	CP	X/C	כיי	X/C	CP	X/C	CP	x/C	CP
.148	.131	.005	1.014	.005	.976	.005	.957	-005	-847
.222	.054	-025	. 442	.025	.427	.025	.431	• 025	.354
.338	085	•050	.231	.050	.199	.050	.186	-050	.003
.448	206	•100	C08	. 100	.047	.100	.019	-100	066
527	327	.120	028	.180	099	.180	149	-180	139
•605	384	. 180	107	.400	360	.300	257	•300	279
.684	586	•25C	186	.500	500	.400	381	.400	413
. 724	402	•300	244	.600	717	.500	517	.500	~.521
. 763	196	- 400	346	.650	710	. 600	740	-600	633
.803	060	-500	482	.700	184	.650	458	.650	239
.842	.047	-600	~.692	. 750	059	.700	150	. 700	113
.921	.146	-650	600	.800	.026	.750	035	.750	.018
.961	.157	.700	172	.900	.137	.800	.043	.800	.113
		. 750	038	.950	.130				
		.800	.037						
		•900	.147						
		•950	-140						



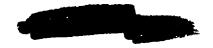


(i) M = 0.85 - Concluded

 $\alpha = 6.97^{\circ}$ ;  $C_{L} = 0.615$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	:	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	541	.223734	0.000 .784	0.000 .889	0.000 .953	0.000 .896
.747	717	.346788	.003147	.010872	.010660	.010467
. 763	848	.448850	.010903	.030 -l.195	.030 -1.163	.030 -1.125
.778	474	.487525	.020938	.050 -1.209	.050 -1.250	.050 -1.200
		.527417	.025 -1.091	.100 -1.185	.100 -1.163	.100 -1.196
		.566346	.030872	.180 -1.19.	.180 -1.086	.180 -1.138
		.605226	.050999	.300786	.300 ~.655	.300926
		.669179	•100 -•752	.350678	.350608	.350711
		.684189	.120 -1.448	.400632	.400619	.400602
		.724259	.180795	.450618	.450577	.450567
		.763342	.250833	.500583	.500574	.500535
		.803363	.300860	.550574	.550 <b>569</b>	.550524
		.882621	.350872	.600573	.600555	.600 ~.508
		.961305	.400867	.650547	.650 <b>5</b> 63	.650479
			.450840	.700542	.700523	.700467
			.500802	.750459	.990419	.750448
			.550785	.850457		.850401
			.600697	.950331		.950326
			.650691			.990318
			.700614			
			.800534			
			.900408			
			.950362			
			.990312			

x/C	CP	X/C	CP	X/C	CP	X/C	CP	x/¢	CP
.148	-178	• 005	1.032	. 405	1.002	.005	.984	.005	.889
.222	.092	.025	.512	.025	.502	•025	.483	.025	.416
.338	051	.050	.299	.053	. 278	.050	-258	.050	.111
.448	169	- 100	.366	-100	-103	. 100	.084	.100	010
.527	284	-120	. 345	.183	046	.180	077	.180	089
.605	357	-180	059	- 400	311	.300	211	.300	250
.684	553	.250	137	.500	442	.400	341	.400	374
.724	370	<b>. 30</b> 0	184	.600	688	-500	475	.500	467
. 763	- •2 05	.400	305	•653	647	•630	705	.600	629
.803	070	•500	468	-700	159	.650	469	.650	229
.842	.047	.600	669	.750	034	.700	131	. 700	116
. 921	-140	.650	~.535	.800	•056	.750	013	. 750	.018
. 961	.133	.700	182	.900	.151	-800	.059	.800	.115
		.750	035	.950	-174				
		. 800	. 238						
		.900	.140						
		.950	.117						





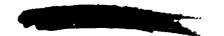
(j) M = 0.96

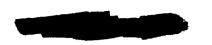
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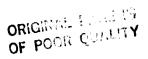
 $\alpha = -2.09^{\circ}; C_{L} = -0.214$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP 0.000 .988
. 731	365	.223154	0.000 1.368	0.000 1.073	0.000 1.038	
. 747	414	.346339	.003 .805	.010 .188	.010 .287	
. 763	572	.448274	.010 .133	.030095	.030091	.030171
. 778	773	.487183	.020126	.050126	.050172	.050307
		.527116	.025234	.100232	.100188	.100283
		.566039	.030270	.180341	.180292	.180258
		.605 .043	-050316	.300413	.300452	.30045l
		.669 .046	.100318	.350381	•350 -•493	.350455
		.684005	.120336	.400383	.400506	.400467
		.724131	.180366	.450402	.450528	.450493
		.763172	.250427	.500420	.500546	.500514
		.803151	.300272	.550448	.550558	.550 ~.550
		.882351	.350272	.600491	.600568	.600579
		.961637	.400251	.650565	.650605	.650584
			.450252	.700594	.700669	.700619
			.500260	.750639	.990325	.750643
			.550294	.850720		.850763
			.600368	.950700		.950241
			.650384	****		.990216
			.700468			
			.800609			
			.900711			
			.950 ~.757			
			.990363			

X/C	CP	X/C	CP	X/C	C P	x/c	CP	X/C	CP
.148	149	.005	.586	•305	.525	- 005	.428	.005	.331
.222	200	.025	404	.025	303	.025	282	.025	242
.338	308	.050	673	.050	590	.050	458	.050	676
.448	418	. 100	629	.1 00	570	- 100	573	.100	667
. 527	499	.120	620	.180	622	.180	674	.180	563
.605	613	.180	623	.400	763	.330	733	.300	679
.684	769	.250	649	.500	842	.400	778	<b>- 40</b> 0	717
.724	821	• 300	648	.600	408	.5 )0	861	.500	780
.763	873	• 400	691	.650	382	.600	384	•600	913
.803	890	.500	770	.700	389	.650	371	.650	591
.842	560	.600	903	<b>.</b> 7 50	382	.700	366	.100	427
. 921	337	.650	490	.800	380	.750	366	. 750	407
.961	255	. 700	430	•900	369	.800	274	.800	388
		. 150	413	.950	358				
		.800	414						
		.900	392						
		. 950	360						







(j) M = 0.90 - Continued

 $\alpha = -1.08^{\circ}; C_{L} = -0.117$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP •731 -•365	X/C CP .223214	X/C CP 0.000 1.090	X/C CP 0.000 1.072	X/C CP 0.000 1.053	X/C CP 0.300 1.037
.747468 .763580	.346387 .448440	.003 .580	.010 .053	.010 .178	.010 .316
.778 791	.487225	.010008 .020306	.030263 .050261	.030212 .050359	.030309 .050436
	.527141 .566056	.025421 .030437	•100 -•317 •180 -•414	.100268 .180409	.100379 .180388
	.605 .020 .669 .026	.050514 .100411	•300 -•54l •350 -•546	.300521 .350554	.300487 .350492
	.684019 .724137	.120436 .180452	.400531 .450569	.400590 .450625	.400497 .450529
	.763190 .803171	.250496	•500 -•52 <b>l</b>	.500641	.50°559
	.882356	.350457	•550432 •600473	.550671 .600690	.553599 .600627
	.961646	•400241 •450239	.650566 .700604	.650706 .700757	.650645 .700683
		•500264 •550301	.750656 .850734	•990 -•2 <b>7</b> 5	.750718 .850279
		.600376 .650399	.950426		.950237 .990218
		.700476			.770218
		•800 -•622 •900 -•722	•		
		.953599 .990309			

X/C	CP	X/C	CP	X/C	C P	X/C	CP	x/c	CP
.148	-,112	.005	.686	•005	.596	. 005	•520	.005	.433
•222	158	.025	258	.025	204	.025	185	•025	198
.338	281	.050	552	•050	469	.050	393	.050	577
.448	394	- 100	507	-100	461	.100	455	•100	578
• 52 7	465	.120	539	-180	541	. 180	611	.180	570
•605	586	-180	551	• 400	704	.330	641	.300	622
.684	747	.250	577	• 500	779	.430	701	• 400	671
.724	787	•300	560	.600	414	•5 20	820	. 500	736
. 763	837	. 400	633	-650	353	.630	387	.600	876
.803	856	•500	725	.700	360	.650	345	.650	819
842	501	.600	883	. 750	355	.700	355	.700	416
.921	- •2 96	•650	467	.800	347	. 750	354	. 150	375
.961	213	.700	411	•900	343	. 400	355	.800	349
		. 750	403	- 950	324				
		. 800	389						
		- 900	361						
		-950	334						



.300 -.565

.750 -.368 .800 -.345

.400

.500

-600

.650

.700

-.511

-.612

-.691

-.831

- 951

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#### TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(j) M = 0.90 - Continued

 $\alpha = -0.61^{\circ}; C_{L} = -0.028$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	EL AGE			WING UPPER SURFAC	E	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	418	.223255	0.300 1.387	0.000 1.072	0.000 1.067	0.000 1.013
.747	496	.346448	.003 .583	.010084	.010 .063	.010 .194
.763	579	.448519	.010149	.030434	.030365	.030420
.778	798	.487435	.020455	-050412	.050507	.050483
		.527211	.025585	.100405	.100345	.100466
		.566096	.030648	.180515	.180486	-180482
		.605006	.050654	.300626	.30060L	. 300540
		.669 .008	.100556	.350628	.350631	.350552
		.694034	-120530	.400648	.430656	.400569
		.724147	.180550	.450658	.450685	.450586
		.763192	.250572	-500681	.500705	.500620
		.303184	<b>.</b> 300 <b>604</b>	.550708	.550757	.550652
		.882388	.350608	.600744	.600782	-600682
		.961651	.400642	.650 ~.568	.650753	.650683
			.450389	.700567	.730449	<b>.</b> 700 ⊶.721
			•500 -•26l	.750583	.990267	.750580
			•550 <b>29</b> 3	.850440		.850 ··.236
			.600370	.950263		.950216
			<b>.</b> 650395			.990191
			•700 <b>-•</b> 493			
			.800630			
			.900730			
			.950357			
			.990243			
				WING LOWER SURFACE	£	
		X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
		.148070	.005 .768	.005 .690	.005 .656	.005 .506
		.222125	.025130	.025097	.025080	.025087
		.338246	.050328	.050355	.050281	-050479
		.448 ~.335	.100432	.100 ~.407	.130435	-100479
		-527432	.120447	.180459	.180512	.180511



. 180

.400

.500

.600

.650

.700

. 750

.300 - 516

-120

.180

.250

.400

.500

.600

.650

.700

.750

. 800

.900

-.447

-.460

-.491

-.580

-.575

~. 8 30

-. 795

-.402

-.373

~.358

-.328 .950 -- 291

-605

.684

.724

.763

.803

.842

.921

.961

-.432

-.565

-.694

-. 753

-.807

-.825

-.489 -.258

-.165

-.459

-.626

-.727

-.861

-.414

-.367

~.353

.800 -.350 .900 -.327 .950 -.296

.180 -.512

.300 -.560

.400 -.651

.500 -. 764

.730 -.379

.750 -.378

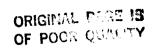
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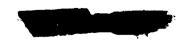
-.843

-.430

.630

.650



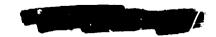


(j) M = 0.90 - Continued

 $^{\alpha} = 0.97^{\circ}; C_{L} = 0.637$ 

	STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP •731446 •747551 •763597 •778817	X/C CP .223321 .346495 .448564 .487646 .527335 .566175 .605055 .669026 .684053 .724157 .763220 .803215 .882415 .961642	X/C CP 0.300 1.372 .003 .500 .010271 .020583 .025725 .030764 .050759 .100676 .120658 .180630 .250538 .300665 .350672 .400698 .450718 .500503 .350336 .600370 .650402 .700486 .800633 .900504 .950231	X/C CP 0.000 1.067 .010188 .030567 .050505 .100525 .180602 .300696 .350715 .400720 .45G732 .500741 .550773 .600804 .650826 .700393 .750332 .850298 .950259	X/C CP 0.000 1.067 .010025 .030557 .050556 .100544 .300663 .350691 .400718 .450753 .500763 .550808 .600663 .650326 .700294 .990250	X/C

X/C	CP	X/C	SP	X/C	CP	X/C	CP	X/C	CP
. 148	021	.005	·829	.005	.757	.005	.708	.005	.583
• 222	- •0 96	.025	321	.025	303	. 025	.009	- 225	029
. 336	215	. 05 0	190	.050	236	.050	202	•050	372
• 448	305	.100	350	.100	359	.100	351	.100	371
•527	407	.120	361	. 180	371	-180	421	.180	416
.605	532	.180	398	.400	560	.300	497	•300	506
.684	6 76	. 250	428	.500	668	.430	590	•400	572
. 724	729	•300	446	. 600	933	•500	697	.500	650
.763	784	.400	540	•650	897	.630	865	.603	808
. 803	801	. 50 0	622	. 700	513	.650	899	•650	- 822
.842	673	.600	808	- 750	414	.730	619	.700	
• 921	218	•650	869	.800	391	.750	441	.750	870 786
. 961	- • 1 32	.700	395	. 90 0	344	.830	390	.800	
		. 750	368	. 950	304	1030	370	- 800	427
		.800	350		• • • • • • • • • • • • • • • • • • • •				
		.900	300						
		.950	260						





(j) M = 0.90 - Continued

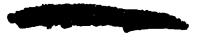
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 $\alpha = 1.45^{\circ}$ ;  $C_{L} = 0.064$ 

		STATIO	IN . 148	STAT 10	N .402	CITATE	N .595	STATIO	N .775	STATIO	N .913
FUS	EL AGF					WING UPP	ER SURFAC	E			
X/L	CP	x/c	CP	X/C	CP	X/C	CP	x/c	CP	X/C	CP
.731	462	.223	348	0.203	1.765	0.000	1.066	0.000	1.068	3.300	1.009
. 747	597	.346	511	.003	. 452	.010	243	.010	067	.010	.062
. 763	598	. 448	5 86	.010	319	.030	617	.030	564	. 030	560
.778	81 7	. 487	655	. 02 0	523	. 0 50	605	-050	637	.050	634
		.527	410	. 02 5	724	.100	557	.1 00	524	.100	625
		.566	225	.030	831	. 1 10	633	.180	605	.180	638
		.605	090	.050	810	.300	734	.300	682	.300	611
		.669	051	. 100	761	.350	750	.350	721	.350	615
		.684	067	-120	692	.400	784	.400	742	.400	637
		.724	168	.180	659	• 450	799	.450	774	.450	652
		. 763	227	. 250	682	.500	778	.500	797	.500	673
		.803	222	. 300	695	.550	788	.550	804	.550	708
		.882	460	.350	706	.600	792	.600	369	.600	738
		.961	639	.400	730	.650	475	-650	309	- 650	751
				. 450	749	.700	358	. 700	296	.700	712
				.500	782	.75^	332	.990	248	.750	330
				.550	405	. 6 . 4	315			.850	230
				.600	404	.950	289			. 950	218
				.650	416					. 390	195
				. 700	493						
				.800	636						
				.900	375						
				. 950	182						
				-990	133						

HENC	LOYER	6110	EAFE
		LSUR	T & L. C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	SP
.148	•000	.005	.659	.005	.787	•005	.733	.005	.602
.222	061	.025	.043	.025	-049	.025	• 0e 0	.025	.030
.338	192	- 050	137	.050	195	.050	167	.050	366
.448	277	- 100	324	.100	304	. 130	304	.100	340
. 527	398	.120	350	.180	337	.180	406	.180	394
.605	511	.180	359	.400	548	.300	474	.300	488
.684	657	-250	386	. 500	641	-400	575	. 400	548
.724	714	.300	420	.600	813	.500	674	.500	641
.763	763	. 400	510	.650	880	<b>-€00</b>	848	.600	794
. 803	785	• 500	611	.700	714	. 650	883	.650	814
.842	625	.600	791	.750	438	.730	914	.700	364
•92 l	208	.650	854	. 900	403	.750	932	. 750	929
.961	115	.700	634	.900	355	.830	565	.830	469
		. 750	376	.950	311				
		.800	~.350						
		.900	256						
		- 950	214						





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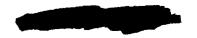
## TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

#### (i) M = 0.90 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.098$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL	AGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731 -	.481	.223357	0.000 1.052	0.000 1.060	0.000 1.064	0.000 1.006
.747 -	.607	.346524	.003 .440	.010299	.010097	.010 .042
. 763 -	-642	.448618	.010398	-030664	.030628	.030592
.778 -	.823	.487698	.020672	.050656	.050705	.050684
		-527494	.025819	.100613	.100579	-100692
		<b>.56628</b> 1	.030678	.180670	-180647	.180665
		.605135	.050889	.300765	.300725	.300662
		.669068	.100891	.350791	.350756	.350649
		-684081	.120815	-400816	.400769	.400660
		.724175	.180675	.450841	-450792	.456677
		.763242	.250700	.500859	-500825	.503698
		.803234	.300731	.550804	.550612	.550731
		.882490	.350734	.600408	.630348	.600759
		.96l59l	.400748	.650347	.650317	.650766
•			.450776	.700334	.700305	.790683
			.500807	.750325	.990266	.750348
			.550542	.850324	*****	.850239
			.600432	.950302		.950219
			.650441			.990187
			.700506			• • • • • • • • • • • • • • • • • • • •
			.800517			
			.900269			
			.950151			
			.990103			

X/C	CP	ЖC	C <del>-P</del>	x/c	CP	x/C	CP	x/C	CP
.148	.007	• 00 5	•986	•005	.813	.005	.774	.005	.639
•222	051	.025	.049	- 025	.109	.025	.C87	.025	.055
. 338	1 63	.050	074	-050	127	•05C	112	.050	344
.448	271	-100	290	-100	254	. 1 20	246	.100	309
- • 5 27	387	.120	272	- 180	285	-180	371	.180	344
. 605	492	.180	317	• 400	521	.330	459	• 300	- 472
.684	645	. 250	359	•500	614	.400	547	-400	- 536
• 724	698	. 300	391	.600	~. 795	. 500	654	.500	626
.763	750	.400	488	-650	862	.600	831	.600	781
.803	7 75	.500	507	. 700	894	.650	868	•650	800
.842	613	.600	778	. 750	566	.700	894	.700	851
.921	182	. 650	836	.800	428	. 750	915	.750	920
.961	090	. 700	875	- 900	351	.800	~.822	.800	495
		. 750	445	-950	306	****	****		• 477
		. 800	355						
		.900	277						
		-950	204						





(7

## TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

(j) M = 0.90 - Continued

 $\alpha = 2.43^{\circ}; C_{L} = 0.136$ 

		STATIO	N -148	STATIO	N .402	STATIO	IN .595	STATIO	4 .775	STATIO	N .913
FUSE	ELAGE					MING UPP	ER SURFACE	<b>.</b>			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 731	507	.223	390	0.303	1.331	0.000	1.057	0.000	1.060	0.000	1.008
.747	650	. 346	536	-003	.356	-010	332	.010	137	-010	.005
. 763	669	.448	647	.010	445	.030	713	.030	668	.030	635
.778	825	.487	730	.020	716	- 050	704	-050	751	.050	~.715
		.527	582	.025	854	.100	686	.100	634	-100	715
		•566	333	-030	911	-180	737	.180	672	.180	794
		.605	168	-050	978	- 300	792	. 300	768	.300	689
		-669	094	-100	910	.350	825	.350	782	.350	692
		-684	095	.120	911	. +00	836	-400	795	-400	684
		.724	161	.180	707	-453	873	.450	820	.450	701
		.763	254	- 250	724	-500	890	.500	805	.500	723
		. 803	261	.300	748	•550	727	.550	367	.550	752
		.882	507	.350	172	.600	406	.600	332	-600	779
		.961	556	.430	773	.650	382	.650	319	.650	781
				.450	799	.700	360	.700	313	.700	629
				- 500	832	. 750	354	.990	281	.750	402
				.550	684	-850	353			.850	282
				.600	515	.950	344			.950	258
				.650	480					-990	234
				- 700	513						
				-800	504						
				•900	221						
				.950	128						
				•900							

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	.039	-005	.904	• 0 0 5	.851	.005	.804	-005	.675
. 222	030	. 02 5	.158	.025	.148	.025	.137	.025	-091
.338	157	- 05 0	021	• 0 50	067	.050	067	.050	292
.448	248	-100	240	- 100	197	.100	206	- 100	- 4280
.527	368	.120	232	-180	256	-1 80	339	.180	313
.605	478	. 180	273	-400	489	.30 Q	437	.300	440
. 684	63l	.250	320	•500	592	.400	507	.400	521
.724	681	.300	382	.600	779	.500	629	.500	606
.763	739	.400	472	-650	844	.600	809	-600	770
.803	763	.500	591	.700	878	.650	845	.650	786
- 842	643	•600	759	. 750	891	.700	875	.700	839
• 921	176	. 650	815	.800	533	. 750	u94	.750	912
.961	078	.700	852	-900	316	.800	805	.800	530
		-750	432	-950	283				
		.800	347						
		• 900	266						
		• 95 0	189						



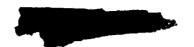


(j) M = 0.90 - Continued

 $\alpha = 2.96^{\circ}; C_{L} = 0.178$ 

				_		
		STATION .148	STATION .402	STATION .595	STAT!ON .775	STATION .913
FUS	EL AGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP 0.000 l.048	X/C CP 0.000 1.058	X/C CP 0.000 1.007
.731	523 675	.223423 .346544	0.000 l-024 .003 .336	0.000 l.048 .010378	.010192	.010016
	695	.448666	-010471	.030731	.030710	.030671
	821	.487747	.020757	.050751	.050796	.050751
••••		.527683	.025882	.100693	.100681	-100749
		.566392	.030961	.180774	.180715	.180738
		-605215	.050 -1.010	.300849	.300793	.300736
		-669128	-100952	.350862	.350 <b>817</b>	.350711
		.684118	<b>.</b> 120 <b>967</b>	.400881	.400842	.400726
		.724193	.180852	.450897	.450857	.450722
		.763266	.250757	-500922	.500470	.500742
		.803286	.300775	.550573	.550349	.550777 .6007 <b>84</b>
		.882516	•350 -•782	.600424 .550400	.600338 .650330	.600784 .650600
		.961416	.430796 .450825	.550400 .700398	.700336	.700431
			•500 -•851	.750388	.990293	.750399
			.550879	.850382	1,,0	.850315
			-600507	.950361		.950289
			.650507			.990279
			.700475			
			.800403			
			.900168			
			.950126			
			•990 <b>10</b> 4			
				WING LOWER SURFACE		
		X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
		.148 .056	.005 .933	.005 .879	.005 .812	.005 .691
		.222017	-025 -177	.025 .189	.025 .196	.025 .114
		.338146	.050 .005	.050043	.050035	-050245
		.448236	.100199	.103154	.100166	.100245 .180298
		527354	• 120 <b>- • 207</b>	.180246 .400444	.180308 .300390	•180 -•298 •300 -•422
		.605465 .684614	.180245 .250311	.400444 .500573	.400486	.400487
		.724670	.300351	.600757	.500598	.500589
		.763725	•400 -•447	.650831	.600786	.600743
		.803752	.500564	.700857	.650824	.650768
		.842605	.600738	.750877	.700857	.700823
		.921145	.650799	.800812	.750880	.750897
		.961063	.700841	.900283	.800794	.800520
			.750849	.950218		
			.800473			
			•900 <b>-</b> •241			
			•950 <b>16</b> 5			



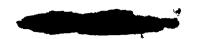


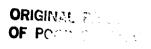
#### (j) M = 0.90 - Continued

 $\alpha = 4.00^{\circ}$ ;  $C_{L} = 0.265$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	550	.223488	0.000 .989	0.000 1.029	0.000 1.050	0.000 .999
.747	734	.346574	.003 .233	.010444	.010263	.010112
.763	761	.448694	.010572	-030804	.030784	.030750
.778	764	.487798	.020835	.050855	.050869	.050845
		.527816	.025972	.100802	.130769	.100832
		.566488	.0:0 -1.052	.180835	.180804	.180815
		.605296	.050 -1.113	.300919	.300869	.300799
		.669191	.100 -1.360	.350914	.350878	.350778
		.684161	.120 -1.064	.400943	.400897	.400779
		.724217	.180 -1.035	.450939	.450676	.450786
		.763292	.250942	.500500	.500431	•500 -• <b>79</b> 2
		.803324	.300819	.550450	.550391	.550783
		.882547	.350834	.600440	.600387	<b>.</b> 600 ~.645
		.961344	.400342	.650442	.650 <b>3</b> 81	.650468
			.450849	.700435	.700366	.700434
			.500881	.7504 <i>2</i> 0	.990334	.750415
			.550919	.850425		.850394
			.600709	.950411		.950369
			.650 - <u>.</u> 468			.990349
			.700400			
			.800313			
			.900212			
			.950 .185			
			.990166			

x/C	CP	X/C	CP.	x/C	CP	x/C	CP	X/C	CP
.148	•093	-005	.912	.005	.919	.005	.888	.005	.756
.222	.028	.025	-2 84	.025	.261	. 02 5	.264	.025	-215
.338	111	.050	.101	.050	.047	-050	.057	.050	134
. 448	213	.100	119	.100	059	.100	092	-100	154
.527	328	.120	119	. 180	183	.190	245	-180	242
.605	440	.180	L76	.400	400	.300	317	- 300	370
.684	585	. 250	253	.500	538	.400	434	.400	437
. 724	645	.300	316	.600	716	.500	566	.500	552
.763	705	.400	404	.650	790	.600	746	-600	723
.803	727	. 500	522	.700	820	-650	795	.650	747
.842	572	.600	701	. 750	850	.700	826	.700	795
.921	125	.650	774	.800	790	.750	849	.750	874
.961	033	.700	807	.900	269	-830	753	-800	521
		.750	823	.950	170				
		.800	690						
		.900	207						
		.950	126						



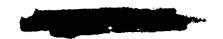


(j) M = 0.90 - Continued

 $\alpha = 4.96^{\circ}$ :  $C_{L} = 0.348$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731594 .747781 .763832 .778569	X/C CP -223538 -346619 -448722 -487841 -527865 -566547 -605365 -669262 -684212 -724244 -763351 -803351 -882569 -961317	X/C CP 0.000 .941 .003 .151 .010648 .020904 .025 -1.020 .030 -1.103 .050 -1.176 .100 -1.150 .180 -1.126 .250 -1.074 .300 -1.950 .350873 .400865 .450987 .500917 .550945 .600556 .650464 .700422 .800320 .900234 .950209	X/C	X/C CP 0.000 1.031 .010358 .030861 .050948 .100843 .180924 .350916 .400742 .450493 .500448 .550438 .600427 .650420 .700389	X/C CP 0.000 -980 0.10167 0.30809 0.50897 100901 180876 300842 .350833 .400824 .450796 .500745 .550660 .600545 .650466 .700450 .750446 .850446 .850428 .950415

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.139	.005	1.307	• 005	.956	.035	•923	.005	.817
.222	• 062	.025	-369	•025	.370	.025	.345	.025	.280
.338	078	.050	.180	.050	.148	.050	.128	-050	057
.448	183	.100	042	- 100	.003	.100	025	.100	114
.527	-• 297	.120	358	.180	122	.190	178	.180	181
-605	410	. 180	128	.400	365	.300	266	.300	296
.684	557	.250	208	.500	491	.400	394	.400	416
.724	619	.300	258	.600	688	•500	519	.500	529
.763	675	.400	358	.650	761	.630	721	.600	702
.803	697	.500	489	.700	795	.650	761	.650	723
. 842	472	.600	674	. 750	820	. 730	795	.700	778
.921	082	.650	736	.800	762	.750	824	.750	851
.961	003	.700	782	•900	218	.800	727	.800	450
		.750	799	-950	137				
		.800	705						
		.900	167						
		• <b>95</b> 0	081						



#### (j) M = 0.90 - Continued

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 $\alpha = 5.98^{\circ}$ ;  $C_{L} = 0.429$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731612 .747785 .763870 .778573	X C	X/C CP 0.000 .907 .003 .J62 .010725 .020973 .025 -1.075 .030 -1.161 .050 -1.245 .100 -1.225 .180 -1.225 .180 -1.220 .250 -1.178 .300 -1.148 .350 -1.128 .400978 .450651 .500624 .550682 .600615 .650569 .700550 .80C371 .900321 .990346	X/C CP 0.000 .978 .010610 .030957 .050980 .100953 .180981 .300 -1.019 .350 -1.027 .400587 .450541 .500540 .550530 .600507 .650524 .700490 .750515 .850490 .950472	x/C CP 0.000 1.017 .010417 .030924 .050 -1.016 .100892 .180929 .300974 .350739 .400542 .450496 .500496 .500480 .650481 .700458 .990426	X/C CP 0.000 .956 .010250 .030880 .050971 .100969 .180947 .300874 .400852 .450602 .550537 .600512 .650486 .700478 .750475 .850469 .990452

CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C
-850	-005	.965	.025	.988	.005	1.034	.005	.168	.148
- 363	.025	.403	.025	. 435	.025	.446	.025	.095	.222
.024	.050	.207	.050	. 223	.050	-266	.050	~.045	.338
046	.100	.043	. 100	•062	-100	.025	.100	155	. 448
122	.180	134	.130	268	.180	305	.120	272	.527
251	. 300	217	.300	321					
385	.400	351	.430	453					
498	.500	483	. 500	656					
676	.600	684	.630	732		-		•	
697	.650	734							
754	. 700	771				•			
829	.750	196			-			•	
383	.800	683					•		
			• • • •					••••	• /01
				••,	.,,,	•	-		
	.400 .500 .600 .650 .700	351 483 684 734 771 796	.430	453	. 400 . 500 . 600 . 650 . 700 . 750 . 800 . 900	072 158 221 312 452 539 704 748 767 694 121	.180 .250 .300 .500 .600 .650 .700 .750 .800 .900	371 517 587 643 673 431 079 .016	.605 .684 .724 .763 .803 .842 .921



# ORIGINAL PAGE IS OF POOR QUALITY

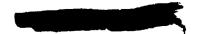
## TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Continued

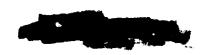
(j) M = 0.90 - Continued

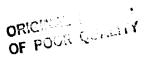
 $\alpha = 7.01^{\circ}$ ;  $C_{L} = 0.512$ 

WING	LOWER	SURFACE
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X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.209	- 005	1.048	.005	1.020	-035	.992	.305	.887
.222	.131	•025	.519	.025	-508	.025	.487	.025	.413
.338	012	.050	.332	.050	. 306	.050	.274	.050	. 104
.448	130	. 100	.094	.100	.137	-100	-106	.100	.000
.527	247	.120	.364	.180	005	.180	058	.180	066
.605	319	.180	023	- 400	276	.300	177	.300	218
.664	496	.250	112	.50ა	407	.400	309	.400	348
.724	567	- 300	169	.600	631	-500	439	.500	463
. 763	622	.403	274	.650	700	.600	658	.600	655
.803	649	.500	411	.700	736	.650	707	.650	673
.842	319	.603	606	. 750	759	.700	744	. 700	730
. 921	030	.650	685	.800	621	.750	172	. 750	807
. 961	.044	. 700	727	.900	119	.800	608	.800	291
		.750	746	.950	048				
		.800	581						
		.900	092						
		.950	021						







#### (j) M = 0.90 - Continued

 $\alpha = 7.98^{\circ}; C_{L} = 0.601$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WENG UPPER SURFACE	Ē	
X/L CP .731533 .747737 .763668 .778767	X/C CP • 223706 • 346747 • 448838 • 487930 • 527813 • 566581 • 605462 • 669358 • 684276	X/C CP 0.000 .798 .003089 .010865 .020 -1.095 .025 -1.197 .030 -1.270 .050 -1.349 .100 -1.156 .120 -1.320	X/C CP 0.000 .898 .010772 .030 -1.073 .050 -1.099 .100 -1.078 .180 -1.086 .300892 .350672 .400635	x/C CP 0.000 .963 .010578 .030 -1.035 .050 -1.134 .100 -1.051 .180 -1.062 .300782 .350655 .400622	X/C CP 0.000 .898 .J10401 .030996 .050 -1.083 .100 -1.086 .180 -1.046 .300996 .350918 .400809
	.724271 .763306 .303341 .852562 .961539	.183 -1.321 .250 -1.023 .300864 .350833 .400791 .450793 .500751 .600733 .650677 .700641 .800569 .900467 .950445	.450591 .500578 .550583 .600583 .650566 .700564 .750567 .850565	.450596 .500576 .550562 .600554 .650548 .700554 .990539	.450675 .500608 .550567 .600555 .650543 .700532 .750525 .850515 .950506

X/C	CP	X/C	CP	X/C	CP	x/C	CP	x/C	CP
. 148	.243	.005	1.065	.005	1.037	.005	1.017	.005	. 912
.222	. 162	. 02 5	.574	.025	.579	. 025	•545	.025	.479
.338	.021	-050	•3 86	.050	- 355	.050	.329	-050	.165
.448	099	.100	.155	-100	. 185	.100	.163	.100	.059
.527	222	. 120	.130	.180	.041	.180	001	.180	032
.605	275	.180	.037	- 400	242	.300	121	.300	189
.684	478	.250	057	.500	377	-400	266	.400	325
. 724	542	. 300	131	.600	595	.500	416	.500	441
.763	597	.400	233	.650	670	.600	631	.600	624
.803	621	.500	376	. 700	711	.650	679	- 650	645
.842	204	.600	582	. 750	734	.700	719	.700	712
.921	.025	.650	659	.800	366	. 750	146	. 750	735
.961	-071	. 700	706	.900	065	.800	400	.800	216
		.750	713	•950	004				
		.800	282						
		.900	029						
		.950	.024						

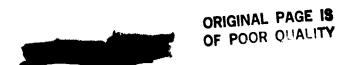


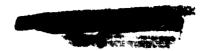
TABLE X.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 123 - Concluded

(j) M = 0.90 - Concluded

 $\alpha = 9.01^{\circ}$ ;  $C_{L} = 0.707$ 

	STATION -149	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	Ē	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731471	.223769	0.000 .744	0.000 .859	0.000 .944	0.000 .864
.747689	.346782	.003211	.010 ~.839	.010668	.010483
.763821	.448870	.010939	.030 -1.141	.030 -1.107	.030 -1.048
.778967	.487661	.020847	.050 -1.159	-050 -1-181	.050 -1.133
	.527506	.025869	.100 -1.129	-100 -1-099	-100 -1-136
	.566420	.030887	.180 -1.146	.180 -1.065	-180 -1-096
	.605347	.050879	-300 -1-136	.300834	.300 -1.016
	.669281	.100887	.350 -1.144	.350628	.350931
	.684268	.120863	.400974	.400618	.400711
	.724276	.180848	<b>.450919</b>	.450627	.450664
	.763315	.250913	-500634	.500619	.500667
	.803340	.300927	.550643	.550600	.550612
	.882595	.350884	.600636	.600607	.600606
	.961744	.400896	-650643	.650582	.650612
		.450879	.700619	.700589	.700 591
		.500853	.750607	.990555	.750585
		.550799	.850524		.850603
		.600799	.950567		.950547
		.650741			.990516
		.700720			
		.800648			
		.900581			
		.950525			
		.990493			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	. 294	.005	1.067	-005	1.051	• 005	1.030	.005	.938
.222	.202	.025	.659	.025	.647	.025	.616	.025	-547
.338	.062	.650	. 465	• 050	-437	-050	.409	-050	. 233
. 448	065	.100	.226	-100	.245	- 100	.227	.100	.115
.527	184	.120	.186	.180	.094	-180	.047	-180	.020
.605	255	.180	. 389	.400	197	.300	087	. 300	146
-684	455	. 250	003	-500	331	-400	229	.400	288
.724	517	.300	067	-600	572	-500	367	.500	399
.763	554	.400	194	-650	647	.630	630	.600	601
.803	467	. 500	344	.700	675	-450	650	.650	619
.842	071	.600	551	. 750	564	.700	587	.700	679
.921	.081	.650	624	.800	146	.750	455	.750	275
.961	.094	.700	673	•900	.016	-800	154	.800	131
		. 750	369	.950	.075				
		.800	123						
		.900	.050						
		05.0							



# TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623

(a) M= 0.50

 $\alpha = -2.07^{\circ}$ ;  $C_{L} = -0.163$ 

	STATION .148	STATION .402	STATEON .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	:	
X/L CP	X/C CP	X/C SP	X/C CP	X./C CP	X/C CP
.731238	.223215	196. 000.0	0.000 .910	0.000 .840	0.000 .807
.747312	.346255	.003 .750	.010 .142	.010 .290	.010 .337
.763354	.448256	.010 .107	.030080	.030136	.030160
.778334	.487250	.020092	.050 ~.124	.050239	.050203
	.527234	.025153	.100208	.100181	-1001/3
	.566206	.030239	.180257	.180245	.160188
	.605160	.050268	.300265	.300278	.300220
	.669144	·100245	<b>.35027</b> 5	.350277	.350208
	.684141	.120232	•400 - •293	.430287	.400239
	.724136	.180232	.450297	.450292	.450253
	.763091	.250268	.500294	.530297	.500252
	.803073	-300265	.550297	.550 ~.305	•550 <b>-•269</b>
	.882203	.350271	.600295	.600311	.600271
	.961174	<b>.</b> 400272	.650289	.650317	.650286
		.450265	.700270	.700309	.700298
		.500281	.750235	.990 .100	.750486
		.550287	.850124		.850162
		.600283	.950 .026		.950 .008
		.650264			.990 .081
		.700256			
		.800179			
		.930058			
		.950 .022			
	ě.	.990 .100			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	3 05	.005	.022	.005	.038	.005	120	.005	149
.222	329	- 02 5	-1.015	.025	839	.025	815	.025	658
.338	359	.050	759	.050	513	.050	154	.050	674
.448	368	.100	721	.100	648	.100	5 96	.100	463
.527	385	.120	658	.180	527	. 180	505	.180	355
.605	348	-180	546	.400	432	.300	404	.300	334
.684	325	.250	493	.500	378	.400	372	. 400	332
.724	253	• 300	460	.600	313	.500	329	.500	284
.763	187	.400	455	.650	207	.600	242	.600	192
. 803	090	.500	415	.700	399	.650	131	.650	113
.8 52	-018	.600	342	.750	.006	.700	013	.700	016
.c 21	- 105	.650	250	.800	•100	.750	.122	. 750	.110
.01	-119	.700	135	. 4.3	. 198	.800	.177	.800	.199
, , ,	•	.750	021	953	. 216	****	••••		••••
		.800	.056						
		.900	.170						
		.950	.194						
		• 720	• 4 77						





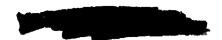
TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

#### (a) M= 0.50 - Continued

 $\alpha = -1.09^{\circ}$ ;  $C_{L} = -0.063$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731248	.223266	0.000 .950	0.000 .947	0.000 .926	0.000 .902
.747323	.346294	.003 .526	.010115	.010004	.010 .139
.763363	.448291	.010142	.030303	.030267	.030282
.778339	.487275	.020409	.050280	.050406	.050281
	.527252	.025416	.100 .309	.100272	.100259
	.566224	.030400	.180343	.180315	.180252
	.605174	.050379	.300329	.300326	.300271
	.669163	.100359	.350322	.350330	.350249
	.684149	.120334	.400328	.400325	.400271
	.724143	.180309	.450324	.450327	.450271
	.763097	. 250 314	.500326	.500326	.500280
	.803080	.300330	.550331	.550337	.550294
	.882200	.35031l	.600324	.600336	.600294
	.961172	.400311	.650311	.650340	.650308
		.450313	.700288	.700330	.700315
		.500313	.750252	.990 .095	.750506
		.550309	.850133		.850169
		.600312	.950 .025		.950 .007
		.650286			.990 .079
		.700271			
		.800193			
		.900362			
		.950 .025			
		.990 .103			

:(/C	CP	x/c	CP	x/C	CP	x/C	CP	X/C	C P
.148	236	. 305	•332	.005	. 274	.005	.217	.005	.208
.222	286	.025	634	-025	561	.025	480	.025	426
.338	329	.050	607	.050	598	.050	615	.050	558
.448	348	.100	578	. 100	511	.100	475	. 100	397
.527	356	.120	539	.180	441	.150	434	.180	285
- 605	336	. 180	477	.400	383	. 300	345	.300	295
-684	~.312	.250	431	.500	352	.430	332	.400	291
.724	249	.300	426	.600	294	.500	299	.500	258
. 763	180	.400	417	.650	200	.630	226	.600	175
. 803	085	. 500	388	.700	091	.650	116	.650	104
.842	.023	.600	328	. 750	-014	.700	006	.700	008
.921	.104	.650	-,233	. 600	-106	.750	.136	.750	.116
. 96 1	. 124	.730	128	.900	. 194	.800	.184	.800	.206
		. 750	011	.950	.222				
		. 800	. 262						
		. 900	.176						
		. 950	.207						



0

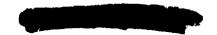
# TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

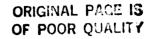
(a) M = 0.50 - Continued

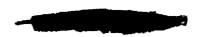
 $\alpha = -0.05^{\circ}; C_{L} = 0.039$ 

		STATIC	IN .149	STATIO	N .402	STATEO	N .595	STATEO	N .775	STATE	N .913
FUS	ELAGF					WING UPP	EP SURFACE	:			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
. 731	261	.223	338	0.000	.956	0.000	955	0.000	960	0.000	.914
. 74 7	328	. 346	339	.003	.350	.010	412	.010	299	.010	038
. 763	360	.448	326	-010	550	•030	515	.030	465	.030	449
.778	339	.487	302	• 0 2 0	720	.050	443	.050	583	.050	427
		.527	278	• 325	657	.100	4 14	.100	387	.100	340
		.566	247	.030	621	.180	419	. 180	385	.180	319
		.605	189	.050	548	. 300	393	.300	382	.300	323
		.669	159	.100	481	- 350	367	.350	370	.350	284
		.684	~.158	.120	458	.400	368	.400	368	. 400	303
		.724	159	- 180	387	.450	371	.450	372	.450	310
		. 763	- · L 06	.250	380	.500	~.358	.500	359	-500	307
		.803	077	.300	374	.550	352	.550	361	.550	315
		.882	200	•350	351	.600	344	.600	358	-600	316
		.961	170	-400	347	.650	329	.650	354	.650	327
				. 450	338	.700	303	.700	342	.700	337
				.500	345	. 750	260	.990	.095	.750	514
				.550	336	.850	135	• • • • •	••••	.850	174
				.600	329	. 950	.022			.950	.002
				.650	302					.990	.074
				. 700	286					• • • • • • • • • • • • • • • • • • • •	
				.850	200						
				.900	062						
				.950	.027						
				.990	-101						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
.148	182	.005	.534	.005	.471	.005	.481	.005	-310
.222	229	.025	443	.025	313	.025	254	.025	261
.338	288	.050	374	.050	399	-050	426	-050	413
. 448	318	.100	459	-100	39l	.100	339	-100	313
.527	330	-120	450	. 1 80	367	.180	348	.180	237
.605	316	.180	408	- 400	328	.300	298	- 300	254
. 684	301	.250	380	.500	322	.400	296	.400	251
•724	237	. 300	370	.600	276	.500	269	-500	- 238
. 763	170	•400	372	- 650	179	.6 )?	232	.600	165
.803	~.068	-500	~.358	.700	068	.650	100	.650	089
.842	•029	.600	308	. 750	.033	.730	.007	. 700	.005
. 921	• l 16	-650	219	.800	. 120	.750	.151	. 750	. 131
. 961	.130	. 700	115	.900	.212	.830	.197	.800	.217
		.750	.200	.950	.231				
		.800	.378						
		.400	-184						
		• 950	<b>.208</b>						







#### (a) M= 0.50 - Continued

 $\alpha = 0.99^{\circ}$   $C_{L} = 0.145$ 

	STATION . 149	STATION .402	STATION . 595	STATION .775	ELP. MOITATS
FUSEL AGE			WING UPPER SURFACE	<b>.</b>	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731238	.223400	0.000 .912	0 000 .923	0.000 .954	0.000 .919
.747331	.346402	.003 .034	.010765	.010603	.010358
.763364	.448376	.010869	.030768	.030703	.030676
.778336	.487341	.020 -1.092	.050645	.050722	.050577
	.527312	.025 -1.049	.100562	.100513	.100447
	.566271	.030946	.180519	.180474	.180378
	.605207	.050744	.300450	.300441	.300 ~.358
	.669178	.100602	.350427	.350426	.350324
	.684172	.123568	.400415	.400413	.400339
	.724158	.180479	.450410	.450 <del>4</del> 05	.450343
	.763116	.250443	.500399	.500390	.500341
	.803097	-300436	.550379	.550398	.550338
	.882203	.350410	.600375	.600388	.600343
	.961165	.400394	.650351	.650378	.650344
		.450391	.700 -,323	.700372	.700354
		.500376	.750280	.990 .093	.750536
		.550 ~.371	.850141		.850183
		.600355	.950 .021		.950000
		•650322			.990 .07.
		.700303			
		.800209			
		.900068			
		.950 .019			
		.990 .098			
			WING LOWER SURFACE	<b>:</b>	
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148137	.005 .692	.005 .683	-005 -672	.005 .525
	.222175	.025171	.025088	.025054	.025027
	.338242	.050240	.050204	.050262	.050239
	.448278	.10033R	.100257	.100222	.160211
	.527299	.120319	.180279	.180265	.180166
	.605283	.180305	.400293	.300244	.300217
	.684276	.250307	.500289	.400252	.400225
	.724218	.300323	.600258	.500246	.500214
	.763152	.400324	.650165	.600185	.600151
	.803046	.500321	.700060	.650084	.650075
	-842 -045	-60028B	-750 -044	.730 -016	.700 .011



.750

.800

.900

.950

.044

.128

.221

.234

.016

•162 •208

.730

. 750

.800

.700

.750

. #00

.011

. 139

.225

-.288

-. 196

-.092

.013

.090 .196

. 214

.600

.650

.700

. 750

.000

.900 .950

.842

.421

.045 .124 .141



#### (a) M= 0.50 - Continued

1 7

 $\alpha = 1.94^{\circ}; C_{L} = 0.241$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION -913
FUS ELAGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
-731242	.223 ~.457	0.000 .806	0.000 .845	0.000 .918	0.000 .887
.747334	.346441	.003357	.010 -1.162	.010998	.010572
.763363	.448408	.010 -1.331	.030 -1.055	.030978	.030892
.778340	.487367	.020 -1.470	.050784	.050907	.050728
	.527331	.025 -1.394	-100686	.100637	.100529
	.566282	.030 -1.286	.180575	.180561	.180437
	.605217	.050927	.300509	.300495	.300404
	.669191	-100713	.350463	.350460	.350356
	.684178	.120682	.400451	.400452	.400368
	.724168	.180544	.450439	.450431	.450371
	.763122	.250506	.500424	.500425	.500363
	.803096	.300472	.550409	.550415	.550365
	.882204	.350454	.600386	.600405	.600352
	.961158	.400426	.650365	.650393	.650361
		.450416	.700338	.700382	.700369
		-500408	.750286	.990 .091	.750541
		•550 396	.850145		.850191
		.600377	.950 .018		.950007
		.650333			.990 .069
		.700317			
		.800212			
		.900063			
		•950 •023			
		.990 .101			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	091	- 005	.829	• 005	.827	-005	.813	.005	.713
. 222	138	.025	-062	.025	.116	.025	.143	.025	-104
.338	201	-050	094	.050	070	-050	105	.050	112
.448	247	-100	239	. 100	166	-100	139	. 100	126
. 527	275	-120	235	-180	196	-180	189	.180	114
-605	265	- 180	230	.400	248	. 300	193	.300	173
. 684	254	-250	252	•500	261	-400	215	-400	195
.724	20l	.300	280	-600	230	-500	~.219	.500	191
.763	~. 139	-400	281	-650	142	.630	161	.600	134
.803	044	•500	293	.700	043	.650	069	.650	064
. 642	. 056	-600	- •2 72	.750	.053	. 700	.024	.700	.020
.921	.131	.650	180	.800	.143	. 750	-177	-750	.146
.961	.144	.700	081	.900	.232	.800	.216	.800	.232
		.750	.024	.950	.239				
		.800	•094						
		.900	.200						
		•950	-213						



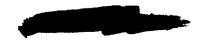


#### (a) M = 0.50 -Continued

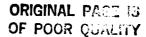
 $\alpha = 2.95^{\circ}; C_{L} = 0.340$ 

		STATION	.148	STATION	• 40 2	STATIO	.595	STATION	.775	STATIO	.913
FUS	ELAGE					WING UPP	ER SURFACI	E			
X/L	CP	x/c	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 731	247		514	0.000	.691	0.000	.746	0.000	.848	0.000	.838
. 747	325		479		709		-1.563	.010 -		.010	876
.763	-,362		448	.010 -			-1.372	.030 -			-1.123
. 778	337		395	.020 -		.050	945	.050 -		.050	842
• • • •	••••		355	.025 -		.100	802		754	.100	621
			3 04	.030 -		.180	664		653	.180	486
			230	.050 -		.300	554		544	.300	447
			194		846	. 350	514		511	• 350	397
			186		805	.400	502		492	-400	413
			168		626	.450	481		472	.450	399
			131		559	.500	454		446	.500	388
			102		524	.550	436		- 439	.550	393
			205		499	.600	418		427	-600	380
			153		467	.650	388		412	.650	385
			•		455	.700	351		398	.700	388
					433	.750	301	.990	.082	. 750	559
					423	.850	154			.850	202
					387	.950	-014			• 950	013
					351					.990	-064
					324					-	
					217						
					367						
				.950	.023						
				.990	.097						
				- •	•						
						nthe lon	ER SURFACI	=			
						41.10 CUM	LA JUNIALI	•			
		X/C	CP	x/C	CP	X/C	CP	x/C	CP	X/C	CP
			037	.005	896	•005	.889	•005	.893	.005	-803
		200			-0.70	1007	2007	.005	.073		-003

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	037	.005	.896	•005	.889	.005	.893	.005	.803
.222	096	.025	.220	• 025	.270	.025	.304	.025	- 255
. 338	166	.050	.034	-050	.070	.050	-021	.050	.012
.448	215	.100	138	-100	058	.100	043	-100	057
.527	243	.120	130	- 180	127	-180	114	.180	056
.605	248	-180	165	-400	208	.300	142	.30ŭ	141
-684	237	<b>.</b> 250	199	•500	-+232	.400	184	.400	158
.724	185	.300	222	•600	-•205	• 500	185	.500	-, 174
.763	127	.400	235	-650	124	.600	141	.600	117
.803	031	.500	265	• 700	031	.650	059	.650	052
.842	-062	.600	239	•750	.065	.700	.043	.700	.030
•92 l	.131	. 650	170	.800	- 149	.750	- 1 84	.750	.151
• <del>96</del> 1	-144	.700	071	• 900	• 232	.830	-222	.800	. 239
		.750	.035	• 950	-243				
		.800	.101						
		• 900	• 2 08						
		.950	.228						



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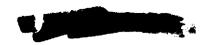
#### (a) M = 0.50 - Continued

# $\alpha = 3.99^{\circ}; C_{L} = 0.444$

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	E	
FUS X/L .731 .747 .763 .778	CP 237 333 363 333	X/C CP .223592 .346535 .448490 .487432 .527378 .566318 .605240 .669210 .684190 .724173 .763132 .803136 .882197 .961142	X/C CP J.000 .475 .003 -1.095 .010 -2.551 .020 -2.525 .025 -2.362 .030 -2.051 .050 -1.330 .100982 .120900 .180709 .250632 .300579 .350532 .400505 .450479 .500436 .600414	X/C CP 0.000 .577 .010 -2.156 .030 -1.785 .050 -1.137 .100956 .180779 .300612 .350577 .400541 .450515 .500463 .550463 .600433 .650401 .700362 .750306 .850154	X/C CP 0.000 .719 .010 -1.906 .030 -1.708 .050 -1.321 .100875 .180739 .300600 .350558 .400523 .450503 .500479 .550463 .600444 .650426 .700407	X/C CP 0.000 .722 .010 -1.209 .030 -1.338 .050970 .100710 .180576 .300492 .350449 .400445 .450437 .500419 .550422 .600403 .650402 .700405 .750580 .850210 .950016
			.650372 .700338 .800224 .900064 .950 .024 .990 .093			.990 .056

#### WING LOWER SURFACE

X/C	CP	x/c	CP	X/C	CP	X/C	CP	X/C	CP
.148	.017	•005	.935	.005	.936	- 005	.943	.005	.879
.222	053	.025	.365	.025	.419	.025	.447	.025	.363
.338	123	-050	-169	-050	.203	.050	.169	•050	-112
.448	187	.100	030	-100	.029	-100	.068	.100	.017
.527	220	-120	045	. 180	046	-180	~. 056	-180	012
.605	218	.180	089	-400	171	-300	093	. 300	098
.684	219	. 250	146	-500	190	-400	143	.400	140
.724	168	-300	169	-600	~.181	.500	156	-500	146
.763	108	-400	208	-650	097	.630	131	.600	104
.803	020	.500	236	-700	014	.650	043	.650	035
.842	.070	.600	217	. 750	.075	.700	.053	.700	.034
.921	.141	-650	138	.800	-161	.750	.199	.750	.154
.961	.153	.700	058	.900	.241	.830	.231	.800	.244
• , • •	****	.750	.041	.950	.253				
		.800	.117	.,,	•= >>				
		.900	.206						
		.950	•222						
		8 7 7 0	1522						

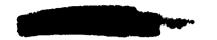


(a) M = 0.50 - Continued

a= 4.96°; C<sub>L</sub>= 0.538

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP .731228 .747317 .763360 .778333	X/C CP .223644 .346586 .448525 .487445 .527395 .566334 .605255 .669211 .684198 .724180 .763136 .803098 .802201 .961138	X/C CP 0.000 .245 .003 -1.559 .010 -3.043 .020 -3.109 .025 -3.084 .030 -2.551 .050 -1.523 .100 -1.113 .120 -1.005 .180782 .250 -684 .300 -6629 .350571 .400 -531 .450 -502 .500 -477 .550 -449 .600422 .650 -380 .700 -341 .800 -221 .900 -086	X/C CP 0.000 .356 .010 -2.703 .030 -2.291 .050 -1.337 .100 -1.076 .180866 .300663 .350610 .400550 .J00512 .550484 .600452 .650416 .700367 .750307 .850157 .950 .016	X/C CP 0.000 .554 .010 -2.438 .030 -2.200 .050 -1.477 .100 -1.013 .180821 .300656 .350661 .400564 .450530 .500507 .550488 .600462 .650434 .700409 .990 .059	X/C CP 0.000 .595 .010 -1.645 .030 -1.655 .050 -1.126 .130809 .180641 .300540 .350481 .400472 .450468 .500454 .550454 .550423 .700425 .750588 .850223 .950026 .990 .053

X/C -148 -222 -338 -448 -527 -605 -684 -724 -763 -843 -921 -961	CP .054 017 100 158 192 197 204 151 106 015 .080 .150 .150	X/C •005 •025 •050 •120 •180 •250 •300 •400 •500 •650 •750 •800	CP •934 •507 •266 •049 •041 •081 •118 •175 •202 •201 •125 •058 •127	x/C •005 •025 •050 •100 •180 •400 •650 •700 •750 •900 •950	CP .941 .534 .293 .129 .016 136 158 159 084 006 .082 .168 .246 .252	x/C .005 .025 .050 .100 .180 .300 .400 .500 .600 .650 .750	CP .942 .561 .280 .139 .023 054 106 128 109 024 .059 .210 .240	X/C .005 .025 .050 .100 .180 .300 .400 .500 .650 .700 .750	CP -907 -504 -217 -094 -041 107 118 084 030 -037 -161 -250
		-900 -950	•214 •224						



#### (a) M = 0.50 - Continued

 $\alpha = 6.00^{\circ}; C_{L} = 0.636$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSE	LAGE			WING UPPER SURFACE	E	
.747 .763	CP 228 320 350 330	X/C CP •223713 •346644 •448565 •487473 •527417 •566352 •605262	X/C CP 0.000051 .003 -1.981 .010 -3.347 .020 -3.345 .025 -3.249 .030 -2.959 .050 -1.909	X/C CP 0.000 .137 .010 -3.174 .030 -2.856 .050 -1.510 .100 -1.192 .180947 .300725	x/C CP 0.000 .380 .010 -2.845 .030 -2.761 .050 -1.610 .100 -1.127 .180879 .300697	X/C CP 0.000 .390 .010 -2.065 .030 -2.040 .050 -1.281 .100924 .180713 .300596
		.669216 .684198 .724135 .763127 .803105 .882189 .961133	.100 -1.236 .120 -1.101 .180874 .250751 .300682 .350616 .400571 .450534	.350653 .400611 .450565 .500528 .550494 .600455 .650418	.350642 .400594 .450561 .500533 .550506 .600470 .650445	.350524 .400520 .450495 .500474 .550464 .600449 .650441
			.500502 .550466 .600430 .650388 .700346 .800216 .900073 .950 .008	.750301 .850143 .950 .009	.990 .049	.750596 .850228 .950036 .990 .039

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.093	.005	.895	- 005	.913	.005	.922	.005	.915
.222	-030	.025	.626	.025	.646	•025	.642	.025	.583
.338	061	.050	. 369	.050	•405	.050	.381	.050	. 306
. 448	123	.100	.132	-100	-205	. 130	.223	.100	.144
.527	158	.120	•l26	.180	.073	.180	.080	.180	.087
.605	168	.180	.031	-400	091	.300	010	.300	034
.684	188	. 250	036	.500	130	.400	071	-400	079
.724	133	. 300	070	.600	146	.500	103	-500	102
. 763	086	.400	L 24	.650	064	.600	~.086	.600	081
.803	.006	.500	178	.700	.013	.650	019	.650	014
-842	.095	.600	l 76	.750	- 090	.700	.072	. 700	.049
• 921	• 157	.650	113	-800	. 179	.750	.212	. 750	.161
. 96 l	• 1 72	.700	025	-900	.248	.830	.246	.800	.256
		.750	.766	. 950	•256				
		.800	.139						
		•900	.223						
		950	222						

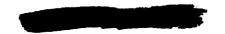


#### (a) M= 0.50 - Continued

 $\alpha = 6.96^{\circ}; C_{L} = 0.720$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	<b>.</b>	
X/L CP .731206 .747310 .763349 .778322	X/C CP .223765 .346672 .448594 .487497 .527439 .566304 .605274 .669237 .684207 .724179 .763135 .803110 .882190 .961124	X/C	X/C CP 0.000006 .010 -3.045 .030 -2.641 .050 -2.107 .100 -1.329 .180995 .300758 .350683 .400585 .550545 .550545 .550494 .600463 .650403 .700367 .750297 .850147 .950 .000	X/C CP 0.000 .216 .010 -3.053 .030 -2.717 .050 -2.048 .100 -1.306 .180937 .300724 .350667 .400623 .450573 .500534 .550512 .600482 .650443 .700402 .990 .037	X/C CP 0.000 .226 .010 -2.429 .030 -2.412 .050 -1.417 .100997 .180755 .300627 .350560 .400545 .450522 .500503 .550484 .600464 .650468 .700451 .750602 .850240 .950039 .990 .032
			WING LOWER SURFACE		

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
-148	-142	.005	-854	.005	.992	.005	.877	-005	.909
.222	- 060	.025	.688	.025	.718	.025	.725	.025	.652
.338	036	.050	. 446	.050	.461	.050	.453	.050	.368
.448	097	.100	.212	. 100	.268	.100	.282	.100	
.527	139	.123	.163	.162	.121	-180	.126		-201
.605	156	. 180	.076	.400	056	.300		-180	.128
.684	165	. 250	•202	.500	106	• 400	.021	. 300	002
.724	118	.300	034	.600	121		048	•400	057
.763	076	•420	101			-500	080	•500	082
. 803	.010	.500	142	.650	053	.600	074	. 600	060
- 842	.103			.700	• 0 20	.650	.005	.650	005
.921		.600	149	-750	• T00	. 700	• 082	.700	-051
-	.169	.650	101	.800	.178	.750	•222	.750	.172
.961	.167	. 700	022	• 900	.250	.800	. 25C	-800	.256
		. 750	.074	.950	.253				
		- 80 0	.141						
		.900	•225						
		• 950	-231						





## (a) M= 0.50 - Continued

a= 8.02°: C<sub>L</sub>= 0.794

	STATION .148	STATIUN .402	STATION .595	STATION ./75	STATION 4913
FUSELAGE			WING UPPER SURFACE		
X/L CP -731200 -747306 -763351 -778322	x/C CP .223823 .346715 .448627 .487519 .527454 .566374 .605284 .669239 .684208 .724183 .763138 .803109 .882183 .961123	X/C CP 0.000402 .003 -2.542 .010 -3.242 .020 -3.006 .025 -2.689 .030 -2.506 .050 -2.127 .100 -2.038 .120 -1.784 .180 -1.291 .250890 .300733 .350643 .400586 .450537 .500445 .600495 .600495 .650 -355 .700212 .800209 .900087 .950033 .990010	X/C CP 0.000134 .010 -2.766 .030 -2.663 .050 -2.372 .100 -1.724 .180 -1.107 .300768 .350691 .400578 .500578 .500531 .550483 .600448 .650375 .700325 .750267 .850143 .950037	X/C CP 0.000 .082 .010 -2.401 .030 -2.218 .050 -2.143 .100 -1.762 .180 -1.113 .300741 .350678 .400625 .450585 .500534 .550490 .600461 .650423 .700374 .990 .009	X/C CP 0.000 .031 .010 -2.838 .030 -2.751 .050 -1.576 .100 -1.106 .180825 .300658 .350556 .400571 .450521 .550521 .550521 .650464 .700466 .750596 .850229 .950045 .990 .016

#### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	¥/C	<b>C</b> D
X/C -148 -222 -338 -448 -527 -605 -684 -724 -763 -803 -921 -961	CP -185 -113 -001 068 115 132 154 108 062 -013 -097 -174 -177	.005 .025 .050 .100 .120 .180 .250 .300 .400 .500 .650	.818 .754 .511 .270 .227 .134 .056 .012 074 132 143 081	X/C .005 .025 .059 .100 .180 .400 .500 .650 .700 .750 .800	CP •863 •776 •531 •342 •189 •037 •037 •108 •108 •048 •021 •095 •172 •234	X/C -005 -025 -050 -100 -180 -300 -420 -500 -650 -700 -800	CP .829 .771 .512 .336 .162 .068 -013 -058 -058 -064 .005 .082 .231 .252	X/C .005 .025 .050 .100 .180 .300 .400 .500 .650 .700	CP .881 .717 .432 .250 .166 .032 037 050 .003 .054 .172 .258
		.750 .800 .900 .950	.073 .142 .206 .211	.950	.236				

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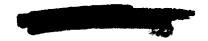


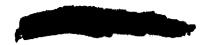
#### (a) M= 0.50 - Continued

 $\alpha = 8.96^{\circ}; C_{L} = 0.846$ 

	STATION .148	STATION -402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>;</b>	
X/L CP .731198 .747295 .763335 .778321	X/C CP .223868 .346745 .448649 .487531 .527464 .566385 .605287 .669251 .684214 .724185 .763141 .803112 .882188 .961118	X/C CP 0.000505 .003 -2.704 .010 -2.211 .020 -2.348 .025 -2.271 .030 -2.081 .050 -2.186 .100 -1.964 .12C -1.772 .180 -1.316 .250 -1.053 .300923 .350753 .400 -680 .450598 .500516 .550436 .600397 .650357 .700305 .800255 .900132 .950086	X/C CP 0.000196 .010 -2.512 .030 -2.291 .050 -2.182 .100 -1.896 .180 -1.312 .300830 .350706 .400630 .450562 .500500 .550451 .600403 .650349 .700312 .750253 .850172 .950112	X/C CP 0.000 .021 .010 -2.288 .030 -2.042 .050 -1.940 .100 -1.919 .180 -1.352 .350704 .400618 .450557 .500498 .550451 .600409 .650383 .700315 .990069	X/C CP 0.000121 .010 -3.039 .030 -2.678 .050 -1.789 .100 -1.196 .180681 .350681 .350681 .350545 .500545 .500518 .550518 .550498 .600462 .650452 .700434 .750546 .850216 .950049

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	• 2 <b>2</b> 0	. 905	.771	.005	.840	.005	.798	.005	.852
.222	.134	.025	.797	.025	.803	.025	-805	.025	.748
.338	.027	.050	.561	.050	.573	.050	.545	.050	.467
.448	042	.100	. 322	.100	.382	.100	.371	.100	. 283
.527	092	.120	.272	.180	.198	. 180	.198	-180	.183
-605	119	.180	.170	.400	019	.300	.074	.300	.042
.684	136	. 250	.095	.500	079	.400	005	.400	024
. 724	094	. 300	.029	.600	1 10	.500	059	.500	058
.763	057	.400	053	.650	050	.630	066	-600	049
.803	.021	.500	115	. 700	.018	.650	000	.650	.001
.842	.117	-600	138	.750	.080	.700	.075	.700	.054
.921	.173	.650	090	.800	.161	.750	.219	.750	.163
.961	-175	.700	018	.900	. 212	.830	.238	.800	. 255
		.750	.066	.950	. 197				
		.800	.124						
		• <del>9</del> 00	.200						
		.950	.179						





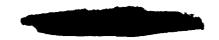
M = 0.50 - Concluded

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α= 9.93°; C<sub>L</sub>= 0.885

	STATION .148	STATION .402	STATION . 595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731201 .747321 .763361 .778338	X/C CP .223906 .346752 .448666 .487543 .527481 .566400 .605301 .669267 .684234 .724207 .763152 .803134 .882212 .961173	X/C CP 0.000 ~.552 .003 -2.503 .010 -1.760 .020 -1.912 .025 -1.874 .030 -1.966 .100 -1.964 .120 -1.553 .180969 .250 -1.058 .300 -1.058 .300 -1.043 .350993 .400826 .450675 .500564 .550571 .600484 .650402 .700399 .800247 .950185 .990188	X/C CP 0.000252 .010 -2.350 .030 -1.845 .050 -2.086 .100 -1.834 .180 -1.163 .300889 .350714 .400644 .450601 .500517 .550578 .600432 .650394 .700406 .750322 .850266 .950338	X/C CP 0.000055 .010 -2.135 .030 -1.736 .050 -1.816 .100 -1.842 .180 -1.396 .300869 .350717 .400650 .450571 .500507 .550472 .600418 .650362 .700337 .990114	X/C CP 0.000195 .010 -3.222 .030 -2.617 .050 -1.791 .100 -1.249 .180916 .300700 .350639 .400595 .450550 .500555 .550501 .600466 .650426 .700419 .750517 .850228 .950090 .990064

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	-250	- 205	.755	.005	.815	.005	.755	.005	. 8 26
- 222	• 1 7Z	. 025	.832	.025	.815	.025	-816	.025	.764
.338	.058	.05C	-600	• 0 50	.607	.050	.587	.050	.523
-448	029	-100	.345	.100	. 379	.100	.394	- 100	. 30 2
•527	075	.120	.305	.180	.223	.180	.217	.180	.205
.405	109	.180	. 209	-400	001	.300	.097	.300	.055
. 684	131	-250	-107	.500	081	.400	•006	.400	016
.724	093	.300	.056	-600	121	.500	045	.500	~.055
.763	044	.400	038	. 650	060	.600	073	.600	056
. 803	.017	-500	120	. 703	.003	.650	010	.650	005
. 842	.114	.600	142	.75v	.049	.700	.068		
. 921	-175	.650	291	. 800	.141	.750	.216	.700 .750	.047
.961	.177	•700	032	•900	.1.04	.800	.226		. 159
		.750	. 253	.950	.161	. 600	.220	.800	.250
		.800	.105	• / / /					
		• 900	•172						
		.950	.152						



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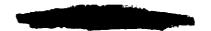
## TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

(b) M= 0.80

 $\alpha = -2.04^{\circ}; C_{L} = -0.248$ 

	STATION .148	STATION .402	STATION .595	STATEON .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
FUSELAGE  X/L CP  .731359  .747411  .763454  .776337	X/C CP .223198 .346302 .448287 .487248 .527206 .566147 .605085 .669084 .684142 .724232 .763176 .803122 .882301 .961192	X/C CP 0.000 1.031 .003 .787 .010 .113 .020208 .025229 .030262 .050334 .100335 .120318 .180290 .250311 .300327 .350315 .400328	X/C CP 0.000 1.009 0.10 .176 0.30110 0.50192 .100228 .180341 .300377 .350368 .400397 .450412 .500428 .550443 .650443	X/C CP 0.000 .978 .010 .309 .030123 .050314 .100239 .180315 .300408 .400407 .450411 .500417 .550427 .600428 .650410	X/C CP 0.000 .903 .010 .361 .030186 .050372 .100263 .180293 .300337 .350298 .400328 .450336 .500344 .550354 .600354
		.450346 .500366 .550399 .600428 .650405 .700373 .800218 .900030 .950 .074	.700353 .750289 .850102 .950 .087	.700380 .990 .141	.700364 .750787 .850127 .950 .063 .990 .124

X/C	CP	X/C	CP	× 40					
	_		_	X/C	CP	X/C	CP	X/C	CP
. 148	~.273	.005	-410	.005	•322	.005	. 239	. 305	-101
•222	316	.025	693	. 0 25	587	.025	621	.025	510
.338	448	.050	-1.005	.053	9 20	.050	749	-050	939
.448	535	. 100	816	-100	869	- 100	865	.100	907
.527	655	.120	857	.183	880	.180	915	.180	829
.605	771	.180	832	-400	932	.300	952	.300	634
.684	400	.250	605	-500	516	.400	822	.400	~.445
.724	282	• 300	781	-600	262	.500	326	.500	378
. 763	176	• 400	823	.650	155	. 600	194	.600	219
.803	077	.500	892	.700	050	.650	084	.650	107
.842	•0 08	.600	297	. 750	.019	.700	.024	- 700	. 025
. 221	- 107	.650	191	.800	.085	.750	.107	.750	-130
.961	. 139	. 700	1 03	.900	. 189	-800	-161	.800	.201
		. 750	019	. 950	.218		-		
		- 800	-037						





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# TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

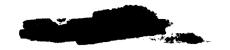
#### (b) M = 0.80 - Continued

# $\alpha = -1.06^{\circ}; C_{L} = -0.123$

		STATIO	N .148	STATIO	N .402	STATIO	N .595	STATEO	N .775	STATIO	N .913
FUS	EL 4G E					WING UPP	ER SURFACE	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.731	422	.223	274	0.000	1.040	0.000	1.039	0.000	1.008	0.000	.948
. 747	429	.346	369	.003	.639	.010	030	-010	.129	.010	.230
. 763	477	.448	343	.010	148	.030	310	.030	313	. 030	30 2
.778	338	. 487	287	.020	406	.050	374	- 050	449	.050	504
		.527	234	. 025	489	-100	364	-100	364	.100	374
		.566	168	.030	454	. 180	430	.180	405	. 180	341
		.605	099	.050	508	.300	456	.300	473	.300	376
		.669	101	- 100	447	.350	430	. 350	457	.350	337
		.684	161	-120	458	-400	446	.400	462	.400	355
		. 7 24	260	-180	385	- 450	466	.450	459	.450	369
		. 763	202	.250	390	.500	464	•500	455	. 500	363
		-803	150	.300	404	.550	481	.550	464	.550	317
		. 882	308	. 350	3 80	.600	480	.600	454	.600	373
		.961	192	.400	368	.650	441	-650	426	.650	384
				.450	376	. 700	362	.700	387	. 700	379
				.500	396	.750	298	.990	.128	.750	791
				. 550	427	.850	106			. 8 50	129
				.600	471	•950	-088			.950	.060
				.650	439					.990	-115
				.700	~.385						
				. 800	224						
				•900	027						
				. 950	.075						
				.990	.147						

X/C	CP	X/C	CP	x/c	CP	x/C	CP	x/c	СР
. 148	21/	.005	•522	.005	•499	.005	.396	.005	. 241
.222	275	. 025	509	.025	427	-025	436	.025	390
.338	397	-050	~.684	.050	735	-050	687	.050	827
-448	498	•100	743	-130	708	-100	674	.100	793
.527	618	. 120	743	.180	749	- 180	786	.180	558
.605	629	.180	718	.400	778	.300	759	.300	447
.684	425	-250	685	•500	473	. 400	507	.400	444
.724	293	•300	676	.600	289	.500	385	.500	382
. 763	182	-400	754	.650	166	-600	233	.600	218
803	069	. 500	801	.700	043	. 650	098	-650	106
.842	.026	.600	338	.750	.049	.700	.030	.700	.028
.921	•122	.650	216	. 500	.123	.750	.132	. 750	.139
.961	.145	. 700	090	.900	. 209	.800	-191	.800	.209
		. 750	.013	.950	. 234				
		.800	.072						
		.900	.183						
		•950	.215						





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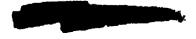
### TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

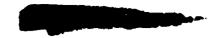
#### (b) M = 0.80 - Continued

 $\alpha = -0.07^{\circ}$ ;  $C_L = 0.004$ 

	SPATEDY . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731450	.223342	0.000 1.041	0.000 1.031	0.000 1.028	0.000 .964
.747436	.346453	.003 .497	.010242	.010050	.010 .060
.763479	.448404	.010310	.030550	.030438	.030515
.778333	.487324	.020632	.050600	.050712	.050722
	.527264	.025764	.100534	.100474	.100458
	.566192	.030756	.180574	.180533	.180431
	.605119	.050707	.300557	.300627	.300430
	.669116	.100594	.350497	.350509	.350 ~.388
	.684176	.120598	.400509	.400497	.400402
	.724281	-180490	.450524	.450498	.450408
	.763238	.250479	.500519	.500491	.500401
	.8031/3	.300454	.55)523	.550492	.550411
	.882310	.350431	.600507	.600482	.600396
	.961188	.400415	.650459	.650443	.650405
		.450415	.700368	.700400	.700397
		.500428	.750292	.990 .113	.750794
		.550466	.850101		.850127
		.600501	.950 .083		.950 .055
		.650465			.990 .104
		.700408			
		.800221			
		.900026			
		.950 .076			
		.990 .145			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	165	.005	.660	.005	.600	.005	.548	.005	.392
. 222	224	.025	320	.025	258	.025	266	.025	225
. 338	342	.050	531	.050	550	.050	637	-050	639
.448	432	. 100	626	-100	591	.100	585	. 100	466
.527	550	- 120	608	-180	545	.180	636	.180	433
. 605	486	. 180	548	.400	642	. 300	535	.300	401
. 684	425	.250	575	.500	475	.4 30	490	.400	422
.724	294	.300	612	. 600	330	.500	417	•500	361
.763	183	.400	~.664	.65)	179	.600	246	.600	214
. # 03	060	- 500	578	.700	045	-650	103	.650	101
. 842	.040	.600	380	.750	. 253	.700	.032	.700	.028
.921	.134	.650	722	.800	.134	.750	.137	-750	-146
.96 l	.157	. 100	094	.900	.226	.800	. 197	- 800	.218
		- 750	.019	.950	. 250				
		.800	.092						
		.900	.194						
		.950	.231						





OF F

# TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

(b) M = 0.80 - Continued

**C** 

 $\alpha = 0.92^{\circ}; C_{L} = 0.131$ 

	STATION .148	SVATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
FUSELAGE  X/L CP .731497 .747445 .763478 .778337	X/C	X/C CP 0.000 1.026 .003 .41C .010498 .020831 .025976 .030 -1.019 .050984 .100800 .120741 .180691 .250523 .3604 .350476 .400452 .450457 .550486 .600539 .650486 .70C423 .800221	WING UPPER SURFACE  X/C CP  0.000 1.025 .010452 .030916 .050713 .100723 .180727 .300689 .350392 .400550 .450552 .500552 .500529 .600524 .650465 .700365 .750290 .850095 .950095	X/C CP 0.000 1.033 .010225 .030712 .050870 .100595 .180713 .300764 .350728 .400538 .450470 .500464 .550464 .550496 .600483 .650450 .700406 .990 .109	X/C CP 0.000 .975 .010074 .030753 .050785 .100792 .180486 .300529 .350444 .400431 .450430 .500426 .550431 .600418 .650423 .700411 .750803 .850132 .950 .048
		.950 .077 .990 .140			

X/C	CP	x/C	J.P	x/C	CP	X/C	CP	X/C	CP
- 148	103	.005	.740	.005	.712	.005	-657	.005	.545
-255	178	. 225	203	.025	068	.025	091	.025	080
.338	296	.050	305	.050	360	.050	393	.050	445
.448	3 94	.100	482	.100	4 06	.100	405	.100	379
. 527	495	.120	452	-180	449	.180	492	.160	342
.605	463	.180	454	-400	527	.300	445	.300	363
. 684	413	-250	504	.500	~.417	.400	467		
. 724	281	. 300	522	.600	325	.500	400	.400	380
. 763	173	.400	526	•650	179	•630	243	-500	334
. 903	056	•500	575	.700	042			.600	230
.842	.050	•600	376	.750	.063	-650	096	.650	093
.921	.144	.650	226	.800	.149	.730	.037	.700	.034
.961	. 155	. 70 0	290	.900		.750	.153	.750	.159
• •		.750	.024		. 241	.830	.216	-800	.234
		.800	.102	• 950	.259				
		• 901)							
			.210						
		• 95 0	.233						



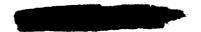
TABLE AL.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

(b) M = 0.80 - Continued

 $\alpha = 1.40^{\circ}; C_{L} = 0.196$ 

	STATION .148	SOA. NOITATE	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
FUSELAGE  X/L CP .731491 .747456 .763480 .778334	X/C CP .223444 .346621 .448515 .487380 .527303 .566221 .605142 .669145 .684194 .724287 .763282 .603197	X/C CP 0.000 1.009 .003 .320 .010593 .020916 .025 -1.086 .030 -1.105 .050 -1.078 .100957 .120875 .180788 .250746 .300488	X/C CP 0.000 1.017 .010519 .030899 .050874 .100777 .180789 .300906 .350713 .400548 .450527 .500524	X/C CP 0.000 1.031 .010291 .030868 .050953 .100768 .180750 .3C0859 .350868 .400649 .450424 .500431	X/C CP 0.00G .976 .010138 .030835 .050919 .100872 .180463 .300618 .350491 .400442 .450437 .500436
	.882310 .961173	.350466 .400455 .450450 .500467 .550494 .600537 .650494 .703422 .800215 .903022 .953 .074	.600504 .650466 .700362 .750290 .850098 .950 .384	.600464 .650442 .700409 .990 .111	.600424 .650429 .700418 .750803 .850135 .950 .043 .990 .090

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
. 148	084	.005	-805	.005	. 770	.005	.717	.005	. 5 83
-222	163	-025	090	.025	013	.025	017	.025	017
.338	270	.050	221	.050	305	.050	326	050	368
.448	379	-100	405	-100	340	.130	335	.100	328
.527	449	.120	386	. 180	398	.180	439	-180	294
-605	431	.160	414	.400	476	.300	414	.300	336
.684	397	. 250	442	.500	450	.400	422	.400	346
. 724	276	.300	469	•600	327	.500	383	.500	318
.763	173	.400	502	.650	176	.630	238	.600	193
.803	056	.500	541	. 700	042	.650	093	.650	088
.842	.053	-600	378	.750	.067	.700	•040	.700	
.921	. 145	. 650	232	.800	.155	.750	•159	.750	-032
.961	.161	. 700	090	.900	.244	.800	.220	.800	.163
-	**-*	.750	.032	.950	.269		•220	.800	. 243
		. 900	-104	. 130	,				
		900	217						





(b) M = 0.80 - Continued

 $\alpha = 1.95^{\circ}; C_{L} = 0.269$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>:</b>	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	Y/C CP
.731591	.223470	0.000 .978	0.000 1.002	0.000 1.025	0.000 .970
.747453	.346645	.003 .240	.010611	.010373	.010195
.763477	.448590	.010696	-030984	-030943	.030918
.778334	.487406	.020972	.050987	.050 -1.077	.050993
	.527322	.025 -1.138	.100845	.100816	.100939
	.566236	.030 -1.208	.180906	.180 <b>894</b>	.180829
	.605158	.050 -1.229	.300959	.300940	.300531
	.669149	.100 -1.012	.350994	.350925	.350 <del>59</del> 0
	.684701	.120993	.400829	.400946	.4004 <del>9</del> 0
	.724298	.180901	.450507	.450684	.450439
	.763275	-250870	.500471	.500399	.500431
	.803202	.300843	.550464	.550379	.550433
	.882303	.350490	.600454	.600407	.600421
	.961173	.400437	.650416	.650393	.650427
		.450444	.700359	.700399	.700423
		.500452	.750275	.990 .113	.750814
		.553478	.850092		.850140
		.600526	.950 .C79		.950 .039
		.650482			.990 .088
		.700417			
		.300219			
		.900022			
		.950 .075			
		.990 .138			

WING			C11	OC.	
WIT THE	L.U	## C R	_ JU	RT :	

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
.148	053	•005	-8 50	.005	.813	.305	.776	.005	.648
. 222	126	. 02 5	.006	.025	.080	.025	.070	.025	.043
.338	245	• <b>05</b> 0	-,132	.050	205	.050	258	.050	280
.448	3 35	.100	349	. 100	263	.100	272	. 100	279
.527	420	. 120	341	.180	343	.180	375	-180	257
.605	402	. 180	~.355	.400	447	.300	373	.300	308
. 684	376	.250	394	.500	416	.400	393	.400	328
.724	272	-300	432	.600	319	.500	368	.500	292
. 763	167	- 400	454	.650	177	-600	228	.600	183
.803	044	.500	485	.700	036	.650	084	.650	085
. 842	.069	.600	366	.750	.075	.700	.048	.700	.037
.921	.156	.650	216	.800	.168	.750	. 175	.750	.172
.961	.169	. 700	083	.900	.258	.800	.227	.800	.250
		.750	.344	.950	.272				
		.800	.118						
		.900	.231						
		. 95.0	. 249						



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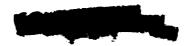
(b) M = 0.80 - Continued

 $\alpha = 2.44^{\circ}$ :  $C_{L} = 0.335$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731537	.223492	0.000 .968	0.000 .993	0.000 1.022	0.000 .962
.747441	.346693	.003 .151	.010651	.010436	.010242
.763479	.448707	.U10745	.030 -1.058	.030 -1.028	.030 -1.004
.778333	.487477	-020 -1-039	-050 -1-049	.050 -1.139	.050 -1.083
	.527349	.025 -1.199	.100952	.130933	.100 -1.018
	<b>.56625</b> 2	.030 -1.308	.180977	.180957	.180931
	-605171	.050 -1.346	.300 -1.050	.300 -1.013	.300718
	.669159	-100 -1-220	.350 -1.080	.350 -1.014	.350717
	.684211	.120 -1.200	.400 -1.040	.400 -1.046	.400582
	.724320	.180945	-450867	.450964	.450475
	.763283	.250938	.500531	.500543	.500427
	.803210	.300952	.550430	.550391	.550428
	-882297	.350905	.600382	-600348	.600417
	.961159	.400514	-650349	.650339	.650420
		.450430	.700310	.700342	.760420
		.500432	.750253	.990 .116	.750808
		.550471	.850088		.850141
		.600509	.950 .084		.950 .037
		.650472			.990 .087
		.700395			
		.800211			
		.900019			
		.950 .073			
		.990 .140			

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
-148	022	.005	.885	• 005	.835	.005	.812	- 005	-685
.222	099	.025	.107	.025	.129	.025	.136	.025	.091
. 338	218	• 05 0	085	. 0 50	120	.050	182	•050	200
.448	311	.103	28	-100	217	.100	219	.100	229
•527	788	-120	28,	.180	291	.180	317	- 180	225
.605	387	. 183	297	-400	415	.300	323	.300	284
.684	369	• 25 0	343	-500	402	. 400	~.365	.400	316
.724	261	•300	387	- 600	318	.500	351	.500	286
.763	155	-400	415	.650	167	.600	223	.600	184
.803	035	• 50 0	474	.700	029	.650	081	-650	080
.842	.079	-600	357	.750	-081	.700	.051	.700	.040
,921	.160	.650	211	.800	-176	.750	.161	. 750	.173
.961	.172	- 700	072	.900	.265	.830	- 240	.800	.253
		. 750	. 048	. 950	.279				
		-800	-132						
		•900	.237						
		.950	. 254						



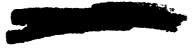


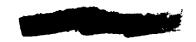
#### (b) M = 0.80 - Continued

 $\alpha = 2.92^{\circ}$ :  $C_{L} = 0.399$ 

		STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	E	
X/L	CP	X/C CP	X/C SP	X/C CP	X/C CP	X/C CP
. 731	514	<b>.223</b> 521	0.000 .933	0.000 .979	0.000 1.016	0.000 .950
. 747	451	.346740	.003 .087	.010709	·010 -·493	.010313
.763	473	.448737	.010916	.030 -1.109	.030 -1.097	.030 -1.038
. 778	329	.487523	.020 -1.114	.050 -1.127	.050 ~1.215	.050 -1.160
		.527384	.025 -1.261	.100 -1.327	.100 -1.012	.100 -1.057
		.566277	.030 -1.348	.180 -1.076	.180 -1.011	.180 -1.000
		.605187	.050 -1.397	.300 -1.101	.300 -1.052	.300833
		.669i76	.100 -1.308	.350 -1.114	.350 -1.077	-350747
		.684220	-120 -1-275	.400 -1.109	.400 ~1.078	-400726
		.724303	.180955	.450 -1.141	<b>.</b> 450 -1.097	.450613
		.763273	.250980	.500 ~.687	.500741	-500438
		.803214	.300992	.550 ~.491	.550470	.550421
		.882292	.350 -1.000	-600423	.630389	.600402
		.961156	.400731	.650327	.650333	-650418
			.450458	.700283	.700313	.700419
			.500437	-750217	.990 .104	.750801
			.550449	.850072		.850148
			.600483	.950 .084		.950 .034
			.650442			.990 .086
			.700382			
			.800204			
			.900019			
			.950 .076			
			.990 .140			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP.
.148	-003	-005	-921	. 305	.868	• 005	.846	.005	.733
.222	078	.025	.181	.025	.176	•025	.195	.025	.165
.338	184	-050	724	-050	065	•050	096	.050	153
.448	285	.100	218	.100	148	. 130	159	-100	170
.527	362	-120	227	.180	248	.180	273	.180	203
.605	362	.180	268	.400	376	.300	304	. 300	262
.684	352	. 250	326	.500	380	. 400	352	-400	29 2
. 724	~ .254	.300	344	.600	307	-500	337	.500	277
.763	144	.400	403	• 650	162	-600	220	.600	178
.803	024	.500	440	.700	023	.650	079	-650	074
.842	.082	-600	350	.750	-0 86	.700	.052	.700	.042
.921	.167	-650	201	.800	. 181	.750	.187	. 750	. 175
.961	.176	.700	368	.900	.268	.800	-244	.800	. 258
		.750	.053	.950	.285				
		.800	.139						
		• 900	.241						
		•950	.257						





#### (b) M = 0.80 - Continued

 $\alpha = 3.92^{\circ}$ ;  $C_{L} = 0.499$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.73l	544	.223594	0.000 .885	0.000 .945	0.000 .994	0.000 .931
. 747	431	.346775	.003009	.010844	.010582	.010410
.763	459	.448856	.010928	.030 -1.206	.030 -1.193	-030 -1-126
.778	324	<b>.487647</b>	.020 -1.213	.050 -1.214	.050 -1.309	-050 -1-224
		.527445	.025 -1.370	.100 -1.136	-100 -1-132	.100 -1.159
		.566321	.030 -1.443	.180 -1.153	.180 -1.128	.180 -1.086
		.605223	-050 -1-506	.300 -1.190	.330 -1.157	.300952
		.669196	-100 -1-471	.350 -1.209	.350 -1.077	-350889
		.684230	.120 -1.429	.400 -1.132	.400806	.400831
		.724294	.180 -1.334	.450689	.450586	-450518
		.763263	.250 -1.342	.500592	.530552	.5GO404
		.803209	.300 -1.062	.550553	.550 <b>5</b> 04	•550 <b>-•38</b> 5
		.882284	.350 -1.363	.600 <b>50</b> 0	.600458	.600387
		.96l149	.400 -1.038	.650427	.650396	-650 ~.405
			.450592	.700356	.700348	.700414
			.500456	.750285	.990100	<b>.</b> 750 - <b>.</b> 799
			.550407	.850 ~.151		.850171
			-600401	.950061		.950 .007
			.650386			.990 .070
			.700353			
			.800211			
			.900029			
			.950 .066			
			.990 .128			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	.044	.005	.966	•005	.909	.005	.911	.005	.775
•222	033	.025	<b>.271</b>	-025	. 306	.025	•282	•025	.254
.338	145	.050	.086	.050	.042	-050	-008	• 050	068
.448	252	.100	128	-100	071	-130	0 74	.100	130
<b>.</b> 5 27	323	.120	1 39	-180	175	. 180	199	-180	154
-605	330	.180	202	• 400	343	.300	257	• 300	244
-684	336	.250	265	.500	363	.400	326	•400	285
.724	234	. 300	284	-600	316	• 500	339	•500	273
.763	140	.400	359	-650	174	-600	247	.600	183
.803	020	• 500	412	.700	044	-650	102	.650	083
.842	.089	.600	341	.750	.069	.700	.030	- 700	.026
.921	.176	.650	203	.800	.157	-750	.168	.750	.169
-961	.188	- 700	071	.900	. 237	.800	.227	.800	.253
		.750	-058	•950	.245				
		.800	- 138						
		• 900	.246						
		-950	.266						



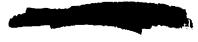


(b) M = 0.80 - Continued

 $^{\alpha} = 4.91^{\circ}; C_{L} = 0.548$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731433	<b>.</b> 223 <b>66</b> 7	0.000 .831	0-000 -900	0.000 .971	0.000 .905
.747440	.346792	.003178	.010917	.C10689	.010497
.763492	.448910	.010 -1.002	.030 -1.283	.030 -1.263	.030 -1.202
.778343	.487608	.020 -1.310	.050 -1.291	.050 -1.398	.050 -1.309
	.527439	.025 -1.447	.100 -1.250	.100 -1.221	-100 -1-258
	.566324	.030 -1.516	-180 -1.232	.180 -1.204	.180 -1.166
	.605228	.050 -1.601	-300881	.300918	.300 -1.035
	.669188	.100 -1.559	-350675	.350660	.350775
	.684215	.120 ~1.536	.400653	.400608	-400594
	.724263	.180 -1.485	.450623	.450585	.450425
	.763252	.250 -1.085	.500594	.500566	.500401
	.803202	.300926	.550538	.550517	.550412
	.882292	.350822	-600507	.600480	.600414
	.961171	-400760	-650443	.650432	.650422
		.450671	.700410	.700394	.700421
		.500567	.750367	.990191	.750766
		.550507	.850291		.850230
		.600439	.950231		.950046
		.650404			.990 .003
		.700368			
		.800250			
		.900125			
		.950261			
		.990 .004			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.077	.005	.991	.005	.952	-005	.932	.005	.837
.222	•009	-025	.370	.025	.377	.025	.364	.025	.330
.338	114	•050	-155	.050	. 132	.050	.078	.050	.005
.448	221	- 100	053	-100	011	. 100	016	-100	070
.527	296	.120	063	.180	120	.180	148	.180	113
.605	319	.180	144	. 400	324	.300	237	.300	217
.684	335	.250	204	-500	374	.400	306	.400	277
.724	233	• 300	248	-600	360	.500	339	-500	282
.763	146	.400	323	.650	207	.600	~.266	.600	198
.803	023	.500	404	.700	~.085	.650	128	.650	097
.842	.082	.600	363	. 750	.026	.700	000	- 700	.011
.921	.170	.650	225	.800	.121	.750	-151	.750	.153
.961	.181	. 700	103	-900	.194	.800	.203	.800	.240
		. 750	.026	. 950	.183				• • • • • • • • • • • • • • • • • • • •
		.800	.115						
		•900	.211						





#### (b) M = 0.80 - Continued

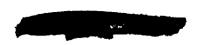
## $\alpha = 5.93^{\circ}; C_{L} = 0.612$

				_		
		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	EL AGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	503	.223753	0.000 .759	0.000 .867	0.000 .939	0.900 .867
.747	475	-346829	.003250	-010 -1.044	.010779	.010594
	529	-448905	-010 -1-067	.030 -1.371	.030 -1.354	-030 -1.285
.778	356	.487518	-020 -1-340	.050 -1.379	.050 -1.463	.050 -1.393
		.527415	.025 ~1.298	-100 -1-349	.100 -1.312	-100 -1.350
		.566321	.030 -1.196	.180 -1.160	.180 -1.253	-180 -1-243
		.605239	.050 -1.325	•300 <b>-•721</b>	.300 ~.747	-300831
		-669215	-100 -1.118	.350767	.350675	-350651
		.6R4238	.120 -1.228	·400 - <b>·</b> 673	.400658	.400577
		.724326	.180 -1.168	• <b>450 -•671</b>	.450632	.450526
		.763367	-250 -1-054	-500612	.500596	.500471
		.803238	.300978	.550582	.550 ~.570	.550466
		-882343	.350929	.60054l	.600521	.600452
		•961 - <b>•18</b> 7	.400871	.650494	.650487	.65u435
			.450814	.700449	.700459	.700432
			.500685	•750 <b></b> 437	.990236	.750578
			.550575	.850341		.850270
			.600555	.950292		.950155
			.650479			<b>.9</b> 90133
			.700464			
			.800340			
			.900251			
			.950181			
			.990168			
				•		
				WING LOWER SURFACE		
		X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
		.148 .117	.005 1.013	.005 .972	.005 .971	.005 .868
		.222 .038	.025 .460	.025 .469	.025 .436	.025 .394
		338 - 004	060 337	000 000	75E2 175	.023 .374

#### .338 -.086 .448 -.190 .527 -.274 .605 -.299 .050 .237 .050 .214 .050 .174 .050 .072 . 100 -100 .064 .100 .055 -100 -.003 .120 -. 003 -.067 .180 .180 -.091 .180 -.074 .180 -.077 .300 -.176 - 400 -.292 .300 -.191 -.325 .400 .400 .250 -.156 -500 -.343 -.279 -.253 -.232 -.203 . 300 -600 -.353 -.324

.684 -.268 .600 .650 .700 . 763 -.276 -.135 .600 -.153 .400 -.290 .650 -.206 -.196 -.097 .650 .700 .803 -.030 .500 -. 377 .700 -.107 .842 -.245 . 750 .017 .075 .600 -.013 -- 004 .800 .157 .650 .750 .114 . 144 -141 . 700 .961 .164 --116 .900 .187 .800 .198 .800 .230 .750 .800 .013 .950 -172

.800 .085 .900 .182 .950 .169

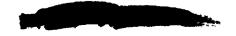


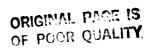
### (b) M = 0.80 - Concluded

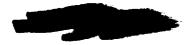
a = 6.48°; C<sub>L</sub> = 0.651

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE		
X/L CP .731649 .747616 .763545 .778371	X/C CP -223782 -346841 -448727 -487505 -527416 -566319 -605232 -669216 -684261 -724351 -763367 -803341	X/C CP 0.000 .729 .003301 .010 -1.096 .020 -1.012 .030 -1.102 .050850 .100900 .120991 .180858 .250 -1.012 .300 -1.002	X/C CP 0.000 .839 .010 -1.044 .030 -1.416 .050 -1.421 .100 -1.389 .180 -1.345 .300894 .350778 .400742 .450684 .500610 .550577	X/C CP 0.000 .909 .010833 .030 -1.372 .050 -1.476 .100 -1.331 .180 -1.131 .300720 .350685 .400655 .450638 .500599	X/C CP 0.000 .842 .010642 .030 -1.342 .050 -1.414 .100 -1.395 .180 -1.200 .300698 .350645 .400597 .450555 .500515 .550489
	.882355 .961186	.350919 .400936 .450829 .500807 .550767 .600681 .650565 .700\$15 .800413 .900259 .950220	.600531 .650498 .700436 .750401 .850324 .950246	.600554 .650515 .700485 .990290	.600463 .650454 .700432 .750508 .850306 .950210 .990172

X/C	CP	x/c	CP	X/C	CP	X/C	CP	x/C	CP
.148	.148	.005	1.018	. 005	.989	.005	-982	.005	.889
.222	.081	-025	.493	.025	.481	.025	.489	.025	.420
.338	064	.050	-280	.050	.256	•050	-214	.050	.140
.448	162	.1CC	.052	.100	.136	.100	. 695	.100	.036
.527	246	.120	.026	.180	033	-180	066		
.605	288	-180	077	-400	260	.300	182	-180	051
. 684	318	- 250	115	.500	3 39	-430		. 300	169
. 724	235	• 300	168	-600	348		252	.400	244
.763	146	.400	273			• 500	317	.500	273
.803	033	•500		-650	218	.600	-, 277	.600	204
.842			363	.700	090	-650	136	.650	119
	-077	.600	365	. 750	.019	. 700	012	.700	015
.921	.165	•650	240	• 8¢0	.118	•750	.145	.750	.134
.961	.157	•700	124	• 900	.189	.800	.194	.800	. 230
		.750	.013	•950	-176			• • • •	
		. 800	.080						
		•900	.176						
		. 950	.148						







(c) M = 0.85

 $\alpha = -2.10^{\circ}; C_{L} = -0.187$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	:	
X/L CP .731522 .747510 .763697 .778397	X/C	X/C 0.000 1 .003010 .057 .020139 .025233 .030273 .050317 .100343 .120376 .180305 .250345 .300347 .350331 .400317 .450327 .500339 .550382 .600456 .650470 .700573 .800725 .900217 .950116 .990056	X/C CP 0.000 1.034 .010 .161 .030156 .050227 .100260 .180356 .300429 .350401 .400428 .450461 .500478 .550515 .600564 .650641 .700676 .750725 .850265 .950124	X/C CP 0.000 1.010 .010 .273 .030115 .050313 .100229 .180334 .300501 .350507 .400495 .450519 .500546 .550578 .600608 .650594 .700630 .990055	X/C CP 0.000 .932 .010 .347 .030216 .050429 .100326 .180340 .300475 .350420 .400444 .450430 .500449 .550482 .600493 .650485 .700481 .750727 .850113 .950 .010 .990 .045

X/C	CP	X/C	CP	X/C	CP	x/C	CP	x/c	CP
. 148	220	. 005	-488	.005	.426	.005	.385	-005	.218
.222	267	- 02 5	~.524	.025	432	.025	439	.025	367
.338	39L	.050	788	.050	715	.050	612	.050	781
.448	500	- 100	788	-1 00	716	. 100	734	.100	
.527	590	.120	758	.180	741	.180	790		782
.605	704	.180	747	.400	859	-300		.180	764
. 684	871	.250	775	.500	329		858	.300	745
.724	396	•300	749	.600	260	• 400	874	.400	778
.763	298	•400	782	-650		.500	362	-500	698
.803	256	•500	738		245	.600	283	- 600	229
.842	211	•600		-700	241	.650	267	.650	166
.921	103		280	- 750	227	. 700	241	.700	085
.961		-650	274	-800	210	.750	229	.750	037
. 701	015	. 700	259	-900	184	.800	189	. 800	.056
		.750	248	• 950	152				
		. 500	241						
		-900	183						
		• 95 0	125						



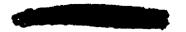


TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

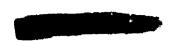
(c) M = 0.85 - Continued

 $\alpha = -1.06^{\circ}$ ;  $C_L = -0.102$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
FUS EL AGE  X/L CP  .731496  .747530  .763704  .778353	X/C CP  •223250  •346445  •448373  •487279  •527206  •566127  •605050  •669043  •684102  •724241  •763284  •803263  •882463	X/C CP 0.300 1.067 .003 .642 .010092 .020387 .025477 .030483 .050495 .100458 .120468 .180499 .250371 .300395 .300378 .400359 .450344	X/C CP 0.000 1.349 .010002 .030301 .050375 .100379 .180477 .300513 .350502 .400492 .450505 .500530 .550557 .600592 .650674 .700700	X/C CP 0.000 1.029 .010 .121 .030280 .050468 .100334 .180421 .300579 .350610 .400617 .450610 .500620 .550624 .600642 .650642	X/C
		.506362 .550401 .600477 .650495 .700584 .800711 .900134 .950051	.750721 .850158 .950019	.990 .025	.750692 .850094 .950 .035 .990 .067

x/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	СР
. 148	110	.005	.610	.005	.540	.005	.458	•005	.308
.222	233	.025	367	.025	313	. 025	292	•025	288
.338	359	.050	635	.050	599	.050	560	.050	684
.448	451	. 100	630	-1 00	568	-100	558	.100	709
• 52 7	547	.120	651	.180	652	.180	719	.160	
.605	681	.180	654	.400	774	.300	752	.300	673
-684	819	. 250	660	<b>⇒</b> 500	700	.400	797	• 400	657
.724	419	. 300	663	.600	258	.500	542	-	702
.763	276	•400	123	.650	239	.600	260	•500	752
.603	218	-500	815	.700	223	.650	227	-600	193
. 842	165	. 600	260	. 750	190	. 700		.650	114
.921	054	.650	244	-800	163		199	. 700	022
-961	•0 41	.700	243	.900	124	.750	170	.750	.040
	•••	.750	226	.950	079	.800	135	. 800	. 095
		.800	211	• 7 30	019				
		.900	146						
		~~~	- 1140						





(c) M = 0.85 - Continued

 $\alpha = -0.06^{\circ}; C_{L} = -0.006$ 

.747562			STATIO	N148	STATIO	N .402	DITATE	N .595	STATIO	N .775	STATIO	M .913
.731517	FUS	ELAGE					WING UPP	ER SURFACI	E			
.684109 .120590 .400685 .400711 .400584 .724236 .180597 .450534 .450748 .450603 .763289 .250633 .500509 .500757 .500623 .803279 .300653 .550558 .550757 .550636 .882474 .350374 .600606 .600771 .600591 .961163 .400362 .650678 .650663 .650420 .450359 .700318 .700329 .500375 .750347 .990 .039 .750583 .550378 .650480 .483 .950 .041 .950 .053 .650077 .600483 .950 .041 .950 .053 .650592 .800536 .900065	.731 .747 .763	517 562 734	.223 .346 .448 .487 .527 .566	319 500 455 296 219 138 060	0.000 .003 .010 .020 .025 .030	1.062 .544 231 558 709 671 722	0.000 .010 .030 .050 .100 .180	1.052 160 470 508 418 588 691	0.000 .010 .030 .050 .100 .180	1.045 .021 396 672 417 558 668	0.000 .010 .030 .050 .100 .180	.975 .138 480 610 514 479
.550410 .850078 .850077 .600483 .950 .041 .950 .053 .650502 .990 .081 .700592 .800536 .900065			.684 .724 .763 .803	109 236 289 279 474	.120 .180 .250 .300 .350 .400	590 597 633 653 374 362 359	.400 .450 .500 .550 .600 .650	685 534 509 558 606 678 695	.400 .450 .500 .550 .600 .650	711 748 757 757 771 663 318	.400 .450 .500 .550 .600 .450	584 603 622 636 591 420 329
•990 .053					.550 .600 .650 .700 .800 .900	410 483 502 592 536 065	.850	378	2770	.037	.850 .950	077 .053 .081

X/C	CP	X/C	C.P.	X/C	CP	X/C	CP	X/C	CP
-148	131	.005	.697	.005	.630	.005	-581	.005	.443
.222	2 00	.025	245	.025	186	.025	205	.025	189
. 336	315	. 05 0	447	. 0 50	503	.050	528	.050	532
.448	392	-100	545	.100	546	.100	522	.100	548
.527	522	. 120	534	.180	546	.180	606	.180	521
. 605	644	-180	581	.400	697	.300	662	.300	598
.684	788	.250	~.579	. 500	793	.400	725	.400	635
.724	527	.300	578	.600	262	.500	820	- 500	700
.763	252	.400	658	.650	210	.600	230	.600	193
. 803	176	-500	748	.700	185	.650	182	.650	097
.842	127	.600	302	. 750	157	.700	139	.700	.007
.921	.030	-650	242	.800	134	.750	107	.750	.081
.961	-105	.700	218	.900	039	.800	069	-800	. 138
		. 750	200	. 950	. 034				
		.800	174						
		.900	~. )95						
		050							





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## TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

### (c) M = 0.85 - Continued

 $\alpha = 0.95^{\circ}$ ;  $C_{L} = 0.105$ 

		STATION .	148 STATIO	N .402	STATIO	N .595	STAT 10	N .775	STATIC	M .913
FUSEL	LAGE				WING UPP	ER SURFACE	•			
X/L .731 - .747 -	CP 524 621 695 295	X/C .2233 .3465 .4486 .4874 .5272 .5661 .6050 .6690 .6841 .7242 .7633 .8032 .8032	57 0.000 56 .003 23 .010 90 .020 73 .025 70 .030 87 .050 72 .100 27 .120 50 .180 05 .250 99 .300 81 .350 38 .400 .550	CP 1.048 .465 384 722 846 792 744 722 763 755 597 348 412	X/C 0.000 .010 .030 .050 .100 .180 .300 .450 .450 .550 .600 .650 .700 .750	CP 1.054 297 662 588 665 785 871 789 777 816 720 622 565 410 220 061	X/C 0.000 .010 .030 .050 .180 .300 .350 .400 .550 .550 .550 .700	CP 1.050 100 553 711 600 645 741 787 797 820 845 846 309 245 044	X/C 0.000 -010 -030 -050 -100 -300 -350 -400 -550 -550 -650 -750 -750 -850	CP .983 .036 647 713 718 602 608 639 672 713 690 437 317 317
			.600 .650 .700 .800 .900 .950	480 514 608 292 011 .058	.950	.067			.950 .990	.038 .069

						-			
X/C	CP	X/C	CP	X/C	C.P.	X/C	CP	X/C	CP
. 148	085	.005	.785	.005	. 738	. 005	.674	.005	.526
-222	148	.025	139	.025	060	.025	079	.025	085
.336	281	.050	269	.050	372	.050	413		
. 448	371	.100	424					-050	449
				.100	430	.100	418	-100	418
.527	486	•120	443	. 180	400	.180	510	.180	461
• 605	586	. 180	449	.400	636	. 300	572	.300	528
-684	756	. 250	483	.500	715				
.724	578					. 400	662	.400	577
		.300	507	.600	295	.500	748	.500	639
. 763	224	.400	599	.650	205	.600	226	.600	197
. 803	144	. 500	717	.700	-, 160	. 650	152	-650	
. 842	042	-600	400	.750					097
					138	.,730	083	.700	.018
.921	.079	.650	250	. 800	~.080	. 750	035	. 750	-100
.961	. 135	•700	208	.900	.013	.800	006	.800	.167
		.750	173	. 950	.061		1000		
		.800	136	****	.001				
		•900	020						
		- 95 0	- 070						



### (c) M = 0.85 - Continued

## $\alpha = 1.41^{\circ}; C_{L} = 0.156$

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
F US EL AGE	,		WING UPPER SURFACE		
X/L CP .731553 .747647 .763699 .778295	X/C CP .223381 .346589 .448644 .487554 .527312 .566193 .605108 .669092 .684135 .724257 .763303 .803303 .803303 .804136	X/C CP 0.000 1.036 .303 .405 .010448 .020751 .025903 .030362 .050936 .100819 .120810 .180755 .250755 .300778 .350789 .400807 .450480 .500374 .550400 .600477 .650512 .700607 .800270 .900302	X/C CP 0.000 1.043 .010346 .030756 .050704 .100666 .180740 .300825 .352851 .400887 .450850 .500855 .550886 .600773 .650381 .700290 .750224 .850088 .950088	X/C CP 0.000 1.047 .010133 .030711 .050728 .100645 .180689 .330782 .350825 .400845 .450867 .500882 .550864 .600349 .650297 .730267 .990110	X/C CP 0.000 .983 .010008 .030691 .050789 .100742 .180712 .300658 .350619 .400664 .450685 .500713 .550740 .600650 .650356 .700294 .750532 .850111 .950 .025

X/C -148 -222 -338 -448 -525 -684 -724 -763 -803 -842 -961	CP 055 130 253 350 471 574 730 524 208 095 024 .093 .145	X/C .005 .025 .050 .120 .180 .250 .300 .400 .500 .650 .753	CP -827 -062 -202 -394 -400 -395 -444 -693 -512 -240 -185 -117	X/C .005 .025 .050 .100 .189 .400 .500 .650 .700 .75J .800 .900	CP .770 008 276 356 384 594 700 414 211 157 390 057 .035 .106	X/C -005 -025 -050 -100 -180 -300 -400 -500 -650 -700 -750 -800	CP .731 041 328 363 477 540 606 714 252 136 068 023 .037	X/C -005 -025 -050 -100 -180 -300 -400 -500 -650 -700 -750 -800	CP .553 044 424 390 400 507 532 606 207 102 .014 .113 .173
				. • • • •	•100				



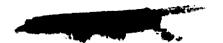


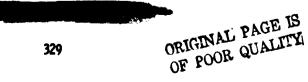
TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Continued

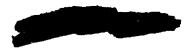
### (c) M = 0.85 - Continued

 $\alpha = 1.90^{\circ}$ ;  $C_{L} = 0.204$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE					
X/L CP .731560 .747675 .763700 .778289	X/C CP .223429 .346617 .448662 .487697 .527364 .566228 .609127 .669107 .684145 .724259 .763315 .803314 .882487 .961139	X/C	X/C CP 3.000 1.038 .010402 .030787 .050777 .100698 .180779 .330873 .350887 .400922 .450923 .500908 .550870 .600527 .650358 .700304 .750269 .850141 .950017	X/C CP 0.000 1.050 .010194 .030787 .050863 .100676 .180762 .300832 .350849 .400875 .450894 .500788 .550406 .600324 .650312 .700279 .990145	X/C CP 0.000 .982 .010056 .030722 .050833 .100748 .180763 .300689 .350650 .400693 .450729 .550729 .550742 .600538 .650312 .700291 .750556 .850130 .950 .008

w									
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	033	. 005	.853	.005	.782	. 005	. 75 l	.005	
.222	113	. 025	006	.025	.247	.025			.600
.338	234	.050	136	.050	231		.027	• 0 25	.007
.448	333	.100	352			.050	256	. 050	387
.527	457			•100	299	.100	307	.100	348
	•	-120	359	- 180	360	.180	447	.180	377
-605	563	-180	353	-400	558	.300	486	. 300	492
. 684	711	<b>. 25</b> 0	424	.500	677	. 400	577	.400	517
.724	476	•300	466	.600	517	.530	683	.500	
. 763	108	.400	550	.650	217	.600			586
. 803	086	.500	668	.700			301	.600	212
. 842	006	•600			135	-650	143	.650	104
.921			641	.750	092	.700	051	.700	.016
	-114	.650	244	.800	038	.750	.026	.750	-114
. 961	. 148	.700	165	.900	.083	.800	.075	. 800	.100
		. 750	103	.950	. 134				*****
		.800	371	,					
		.900	.092						
		. 950	.153						
			• • • • •						

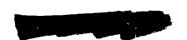




#### (c) M = 0.85- Continued

 $\alpha = 2.43^{\circ}; C_{L} = 0.251$ 

	STATEON . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	<b>!</b>	
X/L CP	X/C CP	X/C CP	X/G CF		
.731583	.223451	0.000 1.008		X/C CP	X/C CP
.747726	.346635	.003 .283	0.000 1.026	0.000 1.043	0.000 .976
.763662	.448709	.010570	.010450	.010254	.010085
.778289	.487717	.020850	.030862	.030824	.030805
	.527418	.025 -1.002	.050853	.050927	•050 -•903
	-566 270	.030 -1.088	-100791	.100739	.100840
	.605160		-180840	.180811	.180814
	.669126	.050 -1.127	.300919	.300879	•300 753
	.684158	.100 -1.052	.350931	.350896	-350712
	•724 -•269	.120 -1.367	.400956	.400918	.400737
		-180812	.450994	-450641	.450759
		.250838	.500900	.500454	.500768
	.803332	.300866	.550465	.550365	.550705
	.882500	.350869	·600 <b>406</b>	.600341	.600415
	.961133	.400878	.650377	.650324	.650297
		•450897	• 700 - • 352	.700316	.700294
		.500613	.750 <b></b> 327	.990187	.750559
		-550460	•850 <b>-</b> •244		.850161
		-600478	.950146		.950023
		.650478			.990 .001
		.700516			
		.800221			
		.900008			
		.950 .057			
		.990 .105			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	-148011	.005 .881	.005 .815	.005 .771	.005 .645
	-555091	.025 .087	.025 .086	. 325 . 094	.025 .041
	.338220	.050093	-050151	.050213	.050278
	-448319	.100301	.100239	.130265	100 290
	•527 <b>-•</b> 440	.120303	.180329	.180415	-180354
	.605545	.180333	.430535	.300455	.300454
	.684649	. 250 391	.500654	.400549	.400495
	.724529	.300449	-600 - 766	530 - 443	.400445



.600 -. 764

-.266

-.161

--102 --040

.086

.650

.700

.750

. 800

.900

.950

.400 -.549 .500 -.663

.650 -.154

.700 -.060 .750 -.010

-.346

.053

.600

.830

.400 -.495 .500 -.596

-.224

-.115

.005

. 105

.1/3

.600

. 650

.700

. 750

.600

.300

.400

.500

.600

.650

. 700

. 750

. 800

.900 . 950

.763

.003

. 842

.921

. 961

-.197

-.078

.011

.126

.157

-.391 -.449 -.525

-.626

-. 793

-.275

-.170

-.109

-. 052 .084

.167



### (c) M= 0.85 - Continued

 $\alpha = 2.90^{\circ}$ ;  $C_{L} = 0.291$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731616 .747749 .763538 .773287	X/C CP .223463 .346649 .448748 .487799 .527491 .566317 .605192 .669144 .684167 .724278 .763344 .803338 .882508 .961134	X/C CP 0.000 .983 .003 .235 .010623 .020914 .025 -1.060 .030 -1.141 .050 -1.200 .100 -1.119 .120 -1.113 .180851 .250859 .300897 .400897 .400899 .450928 .500928 .500426 .650390 .700430 .800231 .900025 .950040 .990 .086	X/C CP 0.000 1.012 .010509 .030892 .050921 .100818 .180898 .300951 .350973 .400997 .450994 .500501 .550440 .600415 .650385 .700362 .750336 .850273 .950186	X/C CP 0.000 1.038 .010310 .030853 .050981 .100823 .180845 .300919 .350943 .400902 .450635 .500422 .550384 .600363 .650345 .700333 .990225	X/C CP 0.000 .970 .010129 .030832 .050942 .100810 .180860 .300785 .350754 .400769 .450779 .500770 .550653 .600336 .650287 .700297 .750548 .850176 .950045 .990030
	X/C	X/C CP .005 .910 .025 .139 .050345 .100246 .120243 .180291 .250369 .300409 .400500 .500620 .600794 .650299 .700169 .750097 .800045 .900 .131 .950 .191	X/C CP .005 .844 .025 .145 .050107 .100181 .180312 .400512 .500626 .600809 .650299 .700163 .750087 .800043 .900 .084	X/C	X/C CP .005 .669 .025 .081 .050242 .100256 .180333 .300368 .400496 .500595 .660234 .650121 .700003 .750 .103 .800 .170

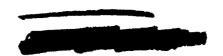


(c) M = 0.85 - Continued

 $\alpha = 3.90^{\circ}; \quad C_{L} = 0.367$ 

			<b>L</b>		
	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	E	
X/L CP .731636 .747735 .763463 .778314	X/C CP .223543 .346667 .448795 .487869 .527590 .566397 .605254 .669187 .684190 .724277 .763335 .882370 .961155	X/C CP  0.000 .958 .003 .157 .010706 .020998 .025 -1.151 .030 -1.221 .050 -1.226 .100 -1.233 .120 -1.209 .180 -1.183 .250918 .300917 .350942 .400914 .450851 .500518 .550419 .600394 .650411 .700418 .800394 .650411 .700418 .800308 .900154 .950106 .990964	X/C CP 0.000 .996 .010591 .030967 .050995 .100938 .180982 .300 -1.045 .350979 .400580 .450508 .500462 .600429 .650409 .700381 .750354 .850324	X/C CP 0.000 1.029 .0103/8 .030960 .050 -1.075 .100931 .180948 .300 -1.002 .350863 .400593 .450446 .500431 .550410 .600403 .650397 .700378 .990274	X/C CP 0.000 .960 .010206 .030901 .050995 .100965 .180937 .300887 .350830 .400834 .450807 .500654 .550447 .600358 .650330 .700329 .750498 .850248 .950160 .990141
	X/C CP 148 .045 .222029 .338160 .448268 .527390 .605488 .684621 .724454 .763193 .803062 .842 .035 .921 .139 .961 .160	X/C CP .305 .948 .025 .225 .050 .343 .100157 .123163 .180238 .250307 .300359 .400457 .500575 .600747 .650382 .700169 .750064 .800303 .900 .143 .950 .175	X/C CP .005 .902 .025 .233 .050013 .100117 .180229 .400446 .500503 .650368 .700178 .750079 .800014 .900 .100	x/C	X/C CP .005 .736 .025 .168 .050157 .100215 .180262 .300346 .400463 .500564 .600258 .650134 .700011 .750 .103 .800 .174





### (c) M= 0.85 - Continued

## $\alpha = 4.90^{\circ}1 C_{L} = 0.435$

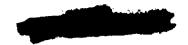
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL A GE			WING UPPER SURFACE	<b></b>	
X/L CP .731610 .747497 .763617 .778339	X/C CP .223615 .346697 .448825 .487930 .527571 .566414 .605279 .669202 .684193 .724257 .763302 .803291 .882411 .961199	X/C CP  0.000 .902 .003 .029 .010802 .020 -1.071 .025 -1.211 .030 -1.294 .050 -1.372 .100 -1.314 .180 -1.289 .250 -1.094 .300745 .350660 .450660 .450629 .500596 .550560 .600517 .650466 .700448 .800376 .900313 .950275 .990236	X/C CP 0.000 .971 .010694 .030 -1.067 .050 -1.074 .100 -1.053 .300751 .350565 .400537 .450521 .500515 .550482 .600470 .650448 .700411 .850376 .950330	x/C CP 0.000 1.011 .010477 .030 -1.039 .050 -1.151 .100986 .180 -1.018 .300895 .350611 .400501 .450481 .500470 .550470 .550456 .600445 .650433 .700424 .990309	X/C CP 0.000 .944 .010300 .330979 .050 -1.079 .100 -1.040 .180 -1.004 .300954 .350851 .400764 .450583 .500496 .550447 .600425 .650401 .700388 .750441 .850329 .950246
	X/C	X/C CP .005 .991 .025 .347 .050 .145 .100091 .120103 .180169 .250245 .300307 .400392 .500522 .600731 .650570 .700187 .750074 .800 .006 .900 .133	X/C CP .005 .935 .025 .333 .050 .096 .100037 .180177 .400408 .500533 .600748 .650546 .700175 .750071 .800 .016 .900 .116	x/C	X/C



(c) M = 0.85 - Continued

 $\alpha = 5.92^{\circ}; \quad C = 0.512$ 

			4		
	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			MING UPPER SURFACE	<b>.</b>	
X/L CP .731578 .747492 .763645 .778444	X/C CP •223669 •346743 •448856 •487871 •527528 •566398 •605274 •669206 •684194 •724245 •763276 •803276 •803272 •882427 •961285	X/C	x/C CP 0.000 .934 .010789 .030 -1.139 .050 -1.141 .100 -1.131 .180 -1.102 .300604 .350576 .400562 .450531 .500526 .550505 .600500 .650490 .700493 .750462 .850438 .950405	X/C CP 0.000 .986 .010569 .030 -1.105 .050 -1.224 .100 -1.083 .180 -1.095 .300857 .350665 .400551 .450522 .500521 .550512 .600456 .700444 .990347	X/C CP 0.000 .916 .010384 .030 -1.045 .050 -1.136 .100 -1.129 .180 -1.080 .300884 .400569 .450524 .500508 .550494 .600473 .650458 .700436 .850397 .950326
	X/C CP  148 .135  227 .045  .338083  .448202  .527326  .605380  .684584  .724488  .763195  .803061  .842 .048  .921 .141  .961 .155	X/C CP -0323  X/C CP -005 1.016 -025 .422 -050 .206 -100 -0010 -120 -028 -180 -112 -250 -196 -300250 -403351 -500491 -600699 -650663 -700190 -750070 -800 .027 -900 .128	X/C CP .005 .964 .025 .427 .050 .178 .100 .030 .180995 .400360 .500492 .600713 .650642 .700157 .750043 .800 .052 .900 .138	X/C CP .005 .948 .025 .394 .050 .106 .100 .008 .180146 .300258 .400384 .500517 .600730 .650218 .700048 .750 .046 .800 .107	X/C CP .005 .834 .025 .341 .050 .015 .100080 .180147 .300279 .400407 .500493 .600282 .650160 .700041 .750 .096 .800 .184



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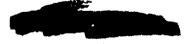
# TABLE XI.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 623 - Concluded

(c) M = 0.85 - Concluded

 $\alpha = 6.88^{\circ}; \quad C_{L} = 0.607$ 

i	STATION . 148	STATIUN .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	E	
X/L CP .731545 .747707 .763838 .778522	X/C CP .223736 .346786 .448874 .487505 .527424 .566342 .605249 .669224 .684211 .724276 .763345 .803347 .882618 .961293	X/C CP 0.000 .796 .003159 .010915 .020895 .030783 .050836 .100836 .100843 .180930 .250982 .300866 .350937 .400819 .450787 .500798 .550759 .600717 .650665 .700618 .800523	X/C CP 0.000 .897 .010871 .030 -1.197 .050 -1.220 .100 -1.186 .180 -1.085 .300877 .350721 .400611 .450601 .5C0574 .550572 .600555 .700518 .750506 .850457	X/C CP 0.000 .959 .010642 .030 -1.173 .050 -1.284 .100 -1.140 .180 -1.028 .300633 .350611 .400583 .450568 .500569 .550569 .550526 .700510 .990401	X/C CP 0.000 .885 .010478 .030 -1.111 .050 -1.220 .100 -1.196 .189 -1.072 .300717 .350512 .400579 .450566 .500574 .550536 .600523 .650502 .700497 .750476 .850452 .950410
		.950372 .990353			
				!	

X/C	CP	x/c	CP .	x/c	CP	X/C	CP	x/c	CP
.148	•178	- 005	1.032	.005	.979	.005	.980	-005	.881
-222	.085	. 02 5	•506	.025	.503	.025	.474	.025	.415
.338	047	• 05 0	.289	.050	. 236	.050	.188	.050	.088
.448	169	. 100	-050	.100	.099	.100	.077	. 100	007
.527	287	.120	-341	-180	243	.180	085	.180	
.605	359	-180	047	-400	312	•300	202		100
.684	544	-250	135	.500	450			•300	236
.724	376	•300	185	.600		.400	331	•400	365
. 763	205	• 400	301		682	.500	462	•500	459
.803	063	.500	453	.650	545	.600	626	-600	278
.842	•051			.700	148	-650	184	•650	166
.921		•600	665	. 750	022	•700	041	.700	054
-	.138	.650	462	.800	•065	. 750	• 09 4	.750	.092
.961	.141	• 700	151	•900	-147	- 800	.155	.800	- 1 82
		. 750	036	•950	• 131				
		.800	.046						
		-900	-141						
		• 95 0	.122						





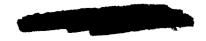
## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125

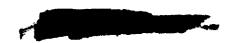
(a) M = 0.25

 $\alpha = -0.10^{\circ}; \quad C_{L} = 0.042$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913	
FUSEL AGE			WING UPPER SURFACE			
X/L CP .731270 .747288 .763359 .778326	X/C CP .223292 .346306 .448289 .487278 .527259 .566220 .605185 .669180 .684163 .724157 .763117 .803095 .882190	X/C CP 0.900 .912 .003 .235 .010478 .020632 .025630 .030582 .050512 .100399 .120375 .180336 .250336 .250336	X/C CP 0.000 .921 .010407 .030457 .050404 .100352 .180367 .300333 .350311 .400312 .450315 .500301 .550300 .600289	X/C CP 0.000 .915 .010230 .030415 .050400 .100333 .180334 .300328 .350322 .400290 .450292 .500282 .550284	X/C CP 0.000 .880 .010073 .030399 .050278 .180278 .180253 .300264 .350224 .400240 .450240 .550240 .550250	
	.961138	.305 .450298 .500295 .550295 .600286 .650259 .700243 .800169 .900053 .950 .032	- 289 - 650 - 284 - 700 - 241 - 750 - 219 - 850 108 - 950 - 034	.600270 .650275 .700246 .990040	.600243 .650231 .700221 .750232 .850114 .950 .015	

CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
167	.005	.517	.005	-480				.222
193	• 025	339						223
244	.050	379						343
269								283
277								214
								237
								231
				•				227
								174
	_							122
						040	.700	047
	_		.800	-109	.750	•057	. 750	.050
•124	• 700	097	-900	.201	.800	.132	-800	.154
	. 750	.016	.950	.217				
	.800	.067						
	-900	.185						
	. 950	-211						
	167 193 244	167 .005193 .025244 .050269 .100277 .120261 .180243 .250192 .300147 .400044 .500 .046 .600 .109 .650 .124 .700 .800 .900	167 .005 .517193 .025339244 .050379269 .100386277 .120368261 .180338243 .250311192 .300322147 .400327044 .500253 .109 .650196 .124 .700097 .750 .016 .800 .067	167 .005 .517 .005193 .025339 .025244 .050379 .050269 .100386 .100277 .120368 .180261 .180338 .400243 .250311 .500192 .300322 .600194 .400327 .650194 .500297 .700 .046 .600253 .750 .109 .650196 .800 .124 .700097 .900 .750 .016 .950	167 .005 .517 .005 .480193 .025339 .025266244 .050379 .050356269 .100386 .100339277 .120368 .180314261 .180338 .400291243 .250311 .500278192 .300322 .600278192 .300327 .650169147 .400327 .650169044 .500253 .750 .018 .109 .650196 .800 .109 .124 .700097 .900 .201 .750 .016 .950 .217	167 .005 .517 .005 .480 .005193 .025339 .025266 .025244 .050379 .050356 .050269 .100386 .100339 .100277 .120368 .180314 .180261 .180338 .400291 .300243 .250311 .500278 .400192 .300322 .600278 .400192 .300322 .600247 .500194 .500227 .650169 .600147 .400327 .650169 .600044 .500253 .750 .018 .700 .046 .600253 .750 .018 .700 .109 .650196 .800 .109 .750 .124 .700097 .900 .201 .800 .750 .016 .950 .217	167	167





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### TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

### (a) M = 0.25 - Continued

 $\alpha = 0.92^{\circ}; \quad C_{L} = 0.137$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGF			WING UPPER SURFACE	•	
X/L CP •731 - •265 •747 - •286 •763 - •351 •778 - •319	X/C CP .223347 .346347 .448325 .487312 .527292 .566254 .605205 .669183 .684175 .724167	X/C CP 0.000 .863 .003020 .010815 .020905 .025842 .030782 .050721 .100524 .120682 .180400	X/C CP 0.000 .892 .010717 .030666 .050598 .100450 .180438 .300375 .350361 .400345 .450336	X/C CP 0.000 .930 .010633 .030650 .050540 .100420 .180416 .300359 .350359 .400337	X/C
	.763120 .803098 .882196 .961150	.250389 .300375 .350347 .450344 .450334 .500337 .550320 .600310 .650279 .700255 .800178 .900051 .950 .018	.500329 .550317 .600312 .650290 .700259 .750226 .850104 .950 .031	.500309 .550312 .600288 .650285 .700257 .990 .010	.500268 .550273 .600259 .650241 .700234 .750237 .850119 .950 .009 .990 .072

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	119	.005	.694	- 005	.646	.005	.628	.005	.494
.222	160	.025	154	. 025	268	.025	009	.025	038
- 338	212	• 05 0	218	.050	204	.050	219	.050	197
.448	231	-100	293	. 100	214	.100	208	.100	189
• 527	256	-120	298	. 180	~. 245	.180	226	.180	162
. 605	25l	-180	279	.400	250	.300	214	.300	189
.684	220	. 25 0	253	-500	245	•430	232	.400	210
.724	170	.300	274	.600	219	.500	227	.500	203
.763	121	.400	285	.650	150	.600	191	•600	
.803	049	. 500	273	.700	050	.650	108		153
.842	.052	.600	231	.750	.040	.700	028	•650	105
.921	.126	.650	177	-800	-118	•750		-700	036
.961	.134	.700	082	•900	-206		.066	-750	.069
• • • •		. 750	.035	.950	•200 •227	-890	.135	.800	.169
		.800	-091	• 770	-221				
		.900	•1 95						
			• 1 72						

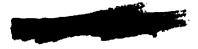


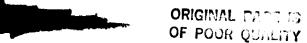
(a) M = 0.25 - Continued

 $\alpha = 1.93^{\circ}; \quad C_{L} = 0.233$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL A GE			WING UPPER SURFACE		
FUS ELAGE  X/L CP .731263 .747270 .763360 .778323	X/C CP .223417 .346396 .448357 .487333 .527310 .566264 .605214 .669199 .684182 .724171 .763116 .803100 .882188 .961141	X/C CP 0.300 747 .003 - 302 .010 -1.205 .020 -1.233 .025 -1.192 .030 -1.044 .050857 .100631 .120576 .180483 .250442 .300428 .350400 .400373 .500363	X/C CP 0.000 .805 .010 -1.030 .030919 .050763 .100590 .180532 .300431 .350390 .400384 .450379 .500360 .550347 .600336 .650311 .700276	X/C CP 0.000 .871 .010883 .030823 .050699 .100548 .180470 .300406 .350387 .400355 .500338 .550336 .600319 .650303 .700270	x/C CP 0.000 .861 .010598 .030715 .050643 .100431 .180378 .300332 .350289 .400296 .450307 .500296 .550297 .600281 .650251 .700250 .750253
		.550343 .600332 .650300 .700273 .800184 .900056 .950 .021	.850116 .950 .229		.850127 .950 .007 .990 .072

X/C	CP	X/C	CP	X/C	CP	X/C	СР	X/C	CP
.148	054	.005	.817	.005	.778	-005	.801	.005	-672
.222	107	.025	.034	.025	.089	.025	.126	.025	-121
.338	179	.050	081	.050	057	.050	101	.050	117
.448	209	.100	184	-100	115	.130	119	-100	128
.527	217	.120	168	.180	160	.180	145	-180	108
.605	225	.180	214	.400	219	.300	193	. 30 0	152
.684	216	. 250	194	.500	227	-400	194	.400	168
.724	148	.300	215	.600	203	. 500	208	.500	L92
. 763	099	-400	244	.650	129	-600	177	-600	139
.803	030	•500	246	.700	041	.650	097	.650	105
.842	.070	.60C	208	.750	.044	.700	020	-700	034
.921	. 145	. 650	157	.800	.122	. 750	.077	.750	.073
. 961	-140	. 700	063	.900	.215	-800	-141	- 800	-171
		.750	.050	.950	•226				
		.800	.110						
		. 900	.213						
		.950	.227						







### (a) M = 0.25 - Continued

TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

 $\alpha = 2.90^{\circ}; C_{L} = 0.323^{\circ}$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731244 .747282 .763346 .778324	X/C CP .223465 .346435 .448386 .487336 .527336 .566286 .605226 .669199 .684193 .724175 .763128 .803109 .88215	X/C	X/C CP 0.000 .653 .010 -1.442 .030 -1.146 .050913 .100690 .180599 .300479 .350446 .400427 .450386 .550372 .600356 .650325 .700297 .750254 .850128 .950 .024	X/C CP 0.000 .797 .010 -1.241 .020 -1.064 .050827 .100654 .180548 .300457 .350426 .400400 .450380 .500367 .550352 .600334 .650320 .700286 .990 .054	X/C CP 0.000 .820 .010931 .030903 .050783 .100520 .180521 .300525 .400325 .400333 .450327 .500316 .550312 .600306 .650278 .700273 .750268 .850142 .950007

MINC	IOUED	SURFACE
	LUBER	JURPALE

X/C	CP	X/C	CP	x/c	CP	X/C	CP	X/C	СР
.148	019	.005	.878	.005	.850	.005	.858	.005	. 754
.222	078	.025	-207	•025	.284	.025	.284	.025	.274
.338	142	.050	.047	.050	.075	.050	.041	-050	006
.448	163	- 100	075	-100	034	.130	026	-100	053
. 52 7	193	.120	090	-1 80	108	. 180	083	.180	060
.605	207	-180	132	.400	172	.300	138	.300	
.684	205	-250	141	.500	195	••00	163		123
.724	143	.300	168	.600	184	.500	170	- 400	155
.763	103	• 400	506	.650	112	.600	153	-500	173
.803	022	•500	215	.700	024	.650		-600	132
.842	.080	.600	191	.750	.058	.700	082	.650	081
.921	.148	-650	134	.800	.141		005	-700	022
.961	.149	•700	053	.900	.216	.750	.089	. 750	.080
	••••	•750	.056	.950		.800	.153	.800	.181
		.800	.123	. 450	.231				
		.900	.214						
		.950	.230						





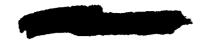
### (a) M = 0.25 - Continued

a=3.93°: C<sub>L</sub>= 0.418

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP •731229 •747265 •763353 •778328	X/C CP .223528 .346473 .448416 .487386 .527352 .566301 .605241 .669212 .684202 .724183 .763138 .803105 .882193 .961123	X/C	X/C	X/C CP 0.000 .598 .010 -1.613 .030 -1.355 .050918 .100748 .180625 .300520 .350458 .400441 .450411 .500388 .500378 .600345 .650329 .700293 .990 .059	X/C CP 0.000 .667 .010 -1.147 .030 -1.076 .050945 .100611 .180475 .300311 .400364 .450369 .500341 .550344 .600314 .650306 .700290 .750279 .850147 .950005

X/C	CP	X/C	<b>.</b> .	u 46					
	_		CP	X/C	CP	X/C	CP	X/C	CP
.148	.008	.005	.889	- 005	.899	.005	.903	.005	. 854
.222	056	-025	•401	. 025	. 440	.025	.429	.025	
.338	117	-050	.165		-				. 366
.448				.050	-167	.050	.l60	.050	. 095
	154	.100	024	.100	• 352	.130	.047	-100	.024
.527	189	-120	036	. 180	038	.180	035	-180	005
.605	198	-180	052	.400	143	.300			
-684	195	. 250	117				076	. 300	093
				•500	162	-400	132	- 400	129
. 724	138	•300	156	.600	L59	. 500	153	.500	141
.763	094	.400	170	.650	093	.600	136	•600	
.803	025	.500	184	. 700	013				111
.842	.067					.650	066	-650	066
		-660	184	. 750	.070	•700	-008	.700	019
.921	. 144	• 650	116	.800	. 1 48	.750	-102	. 750	.086
.961	.146	.700	036	.900	. 221	.800	.160		
		.750	.047			. 000	•100	.800	.186
			• :	. 950	• 2 32				
		-800	-104						
		• 90 0	-201						
		.950	-201						
		3.20							





### (a) M = 0.25 - Continued

(7

 $\alpha = 4.92^{\circ}; C_{L} = 0.511$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	EL AGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	228	.223571	0.000010	0.000 .221	0.000 .440	0.000 .540
.747	~. 251	.346508	.003 -1.844	.010 -2.264	.010 -2.130	.010 -1.507
. 763	-,338	.448445	.010 -2.632	.030 -1.788	.030 -1.747	.030 -1.271
. 778	319	.487413	.020 -2.458	.050 -1.213	.050 -1.113	.050 -1.085
		.527373	.025 -2.225	.100922	.100865	.100675
		.566321	.030 -2.368	.180742	.180700	.183552
		.605245	.050 -1.335	.300594	.300555	.300458
		.669213	.100992	.350546	.350509	.350407
		.684198	-120905	.400502	.400478	.400392
		.724195	.183710	.450470	.450450	.450382
		.763139	.250621	.500439	.500421	.500365
		.803109	.300560	.550420	.550396	.550358
		.882183	.350525	.600 ~.398	.600371	.600343
		.961122	.400491	,650369	.650349	.650316
			.450461	.700320	.700313	.700299
			.500431	.750270	.990 .059	.750294
			.550415	.850139		.850152
			.600382	.950 .023		.950018
			.650339			.990 .061
			.700310			
			.800196			
			.900056			
			.950 .028			
			.990 .086			

#### WING LOWER SURFACE

X/C	CP	x/C	CP	X/C	CP	X/C	CP	x 'C	CP
.148	• 263	. 335	.932	.005	.899	.035	.907	• 00.	. 884
.222	.009	• 02 5	.508	.025	.547	. 025	.568	.025	.478
.338	088	• 05 3	.284	• 250	. 299	. 05 0	.296	.050	.186
.448	136	• 100	.090	-100	. 138	.100	.138	. 100	.095
.527	168	• 123	.046	-180	.017	.180	.042	-180	.024
-605	171	.180	020	.400	094	. 300	041	.300	038
.684	160	.250	049	.500	134	.400	091	.400	093
.724	120	.300	098	.600	136	-500	126	.500	115
.763	091	• 400	147	.650	077	.600	120	.600	095
.803	007	.500	164	.703	.000	.650	047	.650	055
.842	- 084	.600	150	.750	.081	.700	.019	.700	004
.921	-147	.650	392	.800	.150	.750	-110	. 750	.096
.961	.146	.700	041	.900	.226	.800	.163	.800	-184
		.750	.072	.950	.237				
		.800	.122						
		.900	.202			05			
		. 950	.230			$Q_{R_{I}}$	Gn.		
							CP/AP.		

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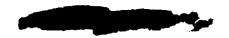
## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(a) M = 0.25 - Continued

 $\alpha = 5.91^{\circ}$ :  $C_{L} = 0.598$ 

			L		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731204 .747247 .763340 .778338	X/C CP .223638 .346555 .446467 .487430 .527388 .566331 .605257 .669224 .684202 .724180 .763139 .803112 .882171 .961111	X/C CP 0.300314 .303 -2.410 .010 -3.040 .02J -2.918 .025 -2.599 .030 -2.410 .050 -1.512 .100 -1.15 .120 -1.014 .400792 .250679 .300619 .350574 .400522 .450490 .500473 .550427 .600353 .700314 .800199 .900053 .950 .024 .990 .086	X/C CP 0.000068 .012 -2.792 .030 -2.005 .050 -1.421 .100 -1.044 .180816 .300632 .350573 .420537 .450507 .500470 .550438 .600416 .650372 .700334 .750278 .850128 .950 .018	X/C CP 0.000 .185 .010 -2.573 .030 -1.956 .050 -1.288 .100970 .180751 .300603 .350551 .400517 .450477 .550427 .550432 .600391 .650369 .700325 .990 .050	X/C CP G.000 .304 .010 -1.895 .030 -1.526 .050 -1.109 .100760 .180607 .300490 .350437 .400426 .450415 .500368 .550379 .600363 .650333 .700319 .750305 .850163 .950013
	X/C	X/C CP .005 .826 .025 .614 .050 .351 .100 .137 .120 .105 .180 .043 .250022 .300061 .400097 .500143 .600165 .650092 .700028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028 .750028	X/C CP .005 .869 .025 .665 .050 .391 .100 .225 .180 .085 .400 -067 .500 -111 .650 -051 .700 .020 .750 .091 .800 .163 .900 .241	X/C CP .005 .862 .025 .653 .050 .375 .130 .214 .130 .089 .300009 .400059 .500089 .600089 .650028 .730 .027 .750 .120 .830 .171	x/C



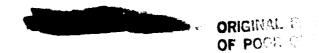


### (a) M= 0.25 - Continued

## $\alpha = 6.92^{\circ}; C_{L} = 0.689$

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER LURFACE	E	
FUSELAGE  X/L CP .731210 .747238 .763326 .778323	X/C CP .223692 .346593 .448498 .487459 .527404 .566270 .669238 .684212 .724201 .763139 .803113 .882175 .961117	X/C	X/C CP 0.000463 .010 -3.136 .030 -2.116 .050 -1.595 .100 -1.181 .180907 .300624 .400574 .450534 .500501 .550470 .600432 .650394 .700338 .750286 .850141	X/C CP 0.000179 .010 -3.203 .030 -2.092 .050 -1.494 .100 -1.091 .180841 .300654 .350592 .400511 .500474 .550443 .600408 .650377 .700341 .990 .045	X/C
		.800201 .900054 .950 .017 .990 .070			

X/C .148 .222 .338 .448 .527 .605 .724 .763 .803 .842 .921	CP .132 .068 029 088 133 141 139 100 073 .003 .099 .157 .161	X/C .005 .025 .050 .100 .120 .180 .250 .360 .500 .600 .650 .700 .750 .800	CP .693 .724 .461 .219 .168 .104 .024 014 072 108 140 078 075 .071 .122	X/C .005 .025 .050 .100 .400 .500 .650 .700 .750 .800 .900	CP .793 .730 .479 .299 .143 035 077 088 030 .035 .106 .177 .242	X/C .025 .025 .050 .190 .180 .320 .400 .530 .650 .730 .750 .830	CP .759 .760 .469 .294 .139 .043 022 057 069 013 .050 .132 .182	X/C .005 .025 .050 .100 .180 .300 .402 .500 .650 .700 .750	CP -873 -658 -373 -204 -123 -013 -055 -083 -067 -023 -023 -023
				•450	.254				



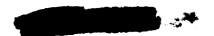
### (a) M = 0.25 - Continued

 $\alpha = 7.94^{\circ}; C_{L} = 0.782$ 

	STATION .148	STATIOM .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731189 .747231 .763317 .778300	X/C CP .223758 .346640 .448524 .4487471 .527432 .566358 .605281 .669230 .684209 .724183 .763142 .803112 .882167 .961100	X/C CP 0.J00 -1.258 .003 -3.953 .010 -4.324 .020 -3.860 .025 -3.724 .030 +2.743 .C50 -1.956 .100 -1.366 .120 -1.225 .180930 .250789 .300711 .350629 .400587 .450527 .500499 .550461 .600427 .650371 .700322 .800192 .900353 .950 .018 .990 .068	X/C	X/C	X/C CP 0.000280 .010 -2.716 .030 -2.180 .050 -1.418 .100966 .180727 .300590 .350517 .400499 .450471 .500452 .550424 .000369 .700346 .750333 .850186 .950034

X/C	CP	X/C	CP	X/C	CP	x/c	CP	X/C	C P
.148	- 164	.005	.568	.005	. 692	. 005	.660	.005	. 831
.222	.099	.025	.763	.025	. 804	.025	.802	.025	.735
.338	.014	-050	.543	.050	.572	.050	.557	.050	. 460
.448	049	.100	.303	.100	.377	.130	.367	.100	.272
.527	104	- 820	.248	.160	.217	. 180	. 408	.180	.154
.605	116	.180	.l60	. 400	.002	.300	.090	.300	.051
.634	124	250	.087	-500	238	.400	.011	.400	017
• 724	071	. 300	.031	-600	071	.500	040	.500	047
. 763	060	-400	~ .038	-650	014	.600	055	.600	C 48
. 803	. 034	•500	083	.700	.044	.650	002	.650	011
.842	.109	.693	100	.75)	.121	,730	.060	.700	.024
.421	- 154	.650	367	.800	.182	.750	.138	.750	.124
. 951	. 149	.730	.006	.900	.246	.833	. 195	. 800	.206
		. 750	.087	.950	.250				
		.833	-131		•				
		. 900	. 220						
		• 950	.213						



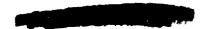


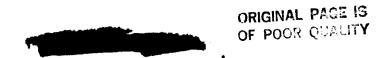
### (a) M = 0.25 - Continued

 $\alpha = 8.90^{\circ}; C_{L} \approx 0.871$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFAC	E	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
•73 L	177	.223805	0.000 -1.841	0.000 -1.277	0.000860	0.000573
. 747	211	.346671	.003 -4.677	.013 -4.093	.010 -4.196	.010 -3.076
• 76 3	313	.448549	.010 -4.982	.030 -2.555	.030 -2.350	.030 -2.526
.778	291	-487508	.020 -4.530	.050 -1.983	.050 -1.876	.050 <b>-1.54</b> 1
		.527447	.025 -4.240	.103 -1.429	.130 -1.356	-100 -1-046
		.566371	.030 -2.9 <del>96</del>	-180 -1.066	.L80 -1.006	.180792
		.605294	.050 -2.167	.303 ~.782	.300751	.300620
		.669258	·100 -1·489	.350700	.350670	.350550
		.684221	-120 -1-330	.400642	.430 ~.609	.400529
		.724190	.180 -1.010	.450601	.450562	.450499
		.763143	.250832	•500 <b>-•</b> 546	.530521	.500471
		.803127	.300748	.550505	.550485	.550453
		.882171	.350677	.600458	.600437	.600423
		.961097	.400614	.650403	.650396	.650384
			.450560	.700355	.700343	.700367
			.500530	.750295	.990 .034	.750360
			.550483	.850152		-850 198
			.600439	.950 .306		.950035
			.650374	.,,,,		.990 .048
			.700329			.,,0 .040
			.800195			
			.900056			
			.950001			
			.990 .042			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	•246	•005	.417	.005	•530	-005	.480	.005	. 763
.222	. 162	- 025	.849	.025	.842	. 025	.859	.025	.775
.338	-050	.050	.641	.050	.639	-050	.634	.050	.521
.448	001	.100	• <b>39</b> 0	-100	.431	.100	.438	.100	. 309
.527	033	.120	.355	-180	.244	. 190	.247	.180	.180
.605	062	.180	.249	. 400	.040	.300	.134	.300	- 086
.684	096	-250	-152	.500	020	.400	-045	.400	.007
.724	054	. 300	.085	.600	050	- 500	02 0	.500	043
.763	001	.400	.032	.650	.001	-600	037	.600	039
.803	. 063	•500	338	.700	-060	.650	.018	-650	004
.842	.129	.600	069	.750	-120	.730	.073	.700	.030
.921	.185	.650	020	.800	. 196	. 750	.151	.750	.107
.961	. 195	.700	.051	.900	•252	.830	.194	.800	.221
		.750	.105	. 950	- 248				
		.800	.171						
		.900	.239						
		.950	.222						

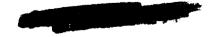


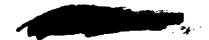


(a) M = 0.25 - Continued

 $\alpha = 9.92^{\circ}; C_{T} = 0.957$ 

		G = 3.84	, CL - 0.351		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>.</b>	
X/L CP .731173 .747206 .763303 .778284	X/C CP .223848 .346709 .448571 .487522 .527459 .566294 .669254 .669254 .684216 .724193 .763139 .803109 .882145 .961083	X/C CP 0.300 -2.500 .003 -5.508 .013 -5.575 .020 -5.086 .025 -4.512 .030 -3.295 .050 -2.358 .100 -1.621 .120 -1.445 .180 -1.089 .250894 .300790 .350717 .400650 .450591 .500591 .500481 .600446 .650377 .700317 .80c190 .900051 .950 .007	X/C CP 0.000 -1.811 .010 -4.813 .030 -2.856 .050 -2.159 .100 -1.545 .180 -1.158 .300837 .350747 .400686 .450619 .500575 .550517 .600468 .659416 .700356 .750290 .850133 .950 .004	X/C CP 0.000 -1.301 .010 -4.725 .030 -2.557 .050 -2.020 .130 -1.452 .180 -1.118 .300791 .350711 .400651 .450601 .500549 .550504 .600459 .650418 .700353 .990 .023	X/C CP 0.000 -1.023 .010 -3.619 .030 -2.696 .050 -1.719 .100 -1.146 .180866 .300672 .350606 .450525 .500566 .450525 .500480 .600454 .650412 .700384 .750361 .850210 .950046
	X/C CP •148 •271 •222 •199 •338 •086 •448 •014 •527 •035 •605 •056 •684 •071 •724 •037 •763 •014 •803 •074 •842 •142 •921 •197 •961 •184	X/C CP -005 -158 -025 -853 -050 -664 -100 -435 -120 -405 -180 -254 -250 -188 -360 -139 -401 -241 -500034 -609743 -650210 -700 -029 -750 -117 -800 -165 -900 -237 -950 -230	X/C CP .005 .325 .025 .879 .050 .707 .100 .483 .180 .307 .400 .070 .500 .013 .600031 .653 .016 .700 .072 .750 .137 .800 .195 .900 .256 .950 .256	X/C CP .035 .248 .025 .874 .050 .700 .100 .485 .180 .297 .300 .150 .40J .072 .500 .015 .630020 .650 .026 .700 .079 .750 .155 .800 .201	X/C CP .005 .645 .025 .815 .050 .585 .100 .372 .180 .237 .300 .102 .400 .029 .500017 .603030 .650 .000 .700 .043 .750 .089 .800 .230





### (a) M = 0.25 - Continued

 $\alpha = 10.88^{\circ}$ ;  $C_L = 1.042$ 

		WING UPPER SURFACE	:	
146742 148593 187533 127470 166389 105299 169260 184225 124201 163152 103114 182148	X/C CP 0.300 -3.054 .003 -6.535 .010 -6.201 .020 -5.835 .025 -4.669 .030 -3.649 .050 -2.543 .100 -1.718 .120 -1.524 .180 -1.168 .250939 .300835 .350743 .400669 .450615 .500557 .550498 .630446 .650378 .700320 .800169	X/C CP 0.000 -2.462 .010 -5.485 .030 -3.139 .050 -2.343 .100 -1.686 .180 -1.211 .300862 .350772 .400702 .450631 .500577 .550530 .600475 .650415 .700355 .750280 .850132 .950004	X/C CP 0.000 -1.822 .010 -5.311 .030 -2.800 .050 -2.228 .100 -1.57 .300854 .350751 .400675 .450617 .500558 .550516 .600449 .650405 .700356 .990 .J02	X/C CP 0.000 -1.458 .010 -4.047 .030 -2.524 .050 -1.871 .100 -1.254 .180911 .300707 .350639 .400595 .450556 .500530 .550508 .600470 .650434 .700402 .750388 .850212 .950018
	346742 448593 487533 527470 566389 505299 569260 584225 724201 763152 303114 582148	346742 .003 -6.535 348593 .010 -6.201 3527470 .025 -4.669 356389 .030 -3.649 350299 .050 -2.543 357260 .100 -1.718 358250 .120 -1.524 359261 .180 -1.168 350152 .250 .939 361080 .400669 450615 500557 550498 600446 650378 770320 800189	346      742       .003       -6.535       .010       -5.485         448      593       .010       -6.201       .030       -3.139         467      533       .020       -5.835       .050       -2.343         527      470       .025       -4.669       .100       -1.211         566      389       .030       -3.649       .180       -1.211         505      299       .050       -2.543       .300      862         569      260       .100       -1.718       .350      772         584      225       .120       -1.524       .400      702         724      201       .180       -1.168       .450      631         763      152       .250      939       .500      577         303      114       .300      835       .550      530         382      148       .350      743       .600      475         361      080       .400      669       .650      415         .500      557       .750      280         .550      378       .700      320<	100   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00   -0.00

_								
CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.297	.305	065	.005	. 0 37	.005	036	.005	. 506
• 2 26	• 325	.883	.025	.903	.025	.903	.025	.845
.109	.050	.713	.050	.750	.050	. 746	.050	.630
.043	.100	.489	.100	.546	.100	.539	-100	.423
015	.120	.435	.180	.354	.180	. 350	.180	.269
053	-180	.310	. 400	.097	.300	.190		.128
067	.250	.200	.500	. 337	-400	-101	.400	.046
021	. 300	.141	.600	009	- 500	.034	-500	-003
-005	.400	. 169	.650	.029	.670	037	-600	004
.053	.500	.310	.700	.089	.650	.045	.65C	.017
.137	.600	052	. 750	.144	.700	.088	. 700	.052
. 186	.650	.007	.800	. 20 7	.750	.162	.750	.093
. 195	. 700	.065	.90ù	.236	.800	.211	-800	. 250
	.750	.113	.950	.265				
	.800	.161						
	.900	.222						
	.950	.206						
	.206 .109 .043 015 053 067 021 .005 .053 .137	.297 .305 .296 .325 .109 .050 .043 .100 015 .120 053 .180 067 .250 021 .300 .005 .403 .053 .500 .137 .603 .186 .650 .195 .700 .800	.297 .305065 .296 .325 .883 .109 .050 .713 .043 .100 .489 015 .120 .435 053 .180 .310 067 .250 .200 021 .300 .141 .005 .403 .369 .053 .500 .310 .137 .603052 .186 .650 .007 .195 .750 .113 .800 .161 .900 .222	.297 .005065 .005 .296 .025 .883 .025 .109 .050 .713 .050 .043 .100 .489 .100015 .120 .435 .180053 .180 .310 .400067 .250 .200 .509021 .300 .141 .600 .005 .400 .069 .650 .053 .500 .010 .700 .137 .600052 .750 .186 .650 .007 .800 .195 .700 .065 .900 .750 .113 .950	.297 .005065 .005 .037 .296 .025 .883 .025 .903 .109 .050 .713 .050 .750 .043 .100 .489 .100 .546015 .120 .435 .180 .354053 .180 .310 .400 .097067 .250 .200 .500 .037021 .300 .141 .600009 .005 .400 .069 .650 .029 .053 .500 .010 .702 .089 .137 .600052 .750 .144 .186 .650 .007 .800 .207 .195 .700 .065 .900 .236 .750 .113 .950 .265	.297	.297	*297





ORIGINAL DECES OF POOR QUALITY

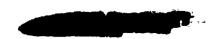
### TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

### (a) M = 0.25 - Continued

α= 11.93°; C<sub>L</sub>= 1.129

	STATION .149	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>:</b>	
X/L CP .731179 .747181 .763291 .778272	X/C CP .223963 .346777 .448624 .487554 .527493 .566319 .669268 .684235 .724193 .763154 .803121 .802157 .961077	X/C CP J. 200 -3. 762 .003 -7.557 .010 -7.084 .020 -6.509 .025 -4.774 .030 -4.024 .050 -2.753 .100 -1.869 .120 -1.639 .180 -1.238 .250 -1.008 .300883 .350881 .400707 .450629 .500565 .550496 .600455 .650384 .700323 .800 -185 .900070 .955038	X/C CP  0.000 -2.897 .010 -5.946 .030 -3.531 .050 -2.600 .100 -1.784 .180 -1.292 .300805 .400725 .450660 .500593 .550527 .600474 .650399 .700341 .750271 .850115 .950013	X/C	X/C

X/C	C P	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.331	.005	364	-005	174	.005	380	• 005	.361
• 222	.257	. 025	.874	.025	.886	.025	-906	-025	.844
.338	. 153	.050	.776	.050	.801	.050	. 796	.050	.680
.448	•092	.100	.577	. 100	.607	-100	.600	.100	.455
• 52 7	.024	. 120	.489	.180	.404	.180	.380	.180	.308
-605	011	. 180	. 368	-400	.125	. 300	.235	.300	.160
. 684	037	.250	-279	.500	-061	- 400	.129	.400	.068
.724	.001	• 300	.218	.600	.003	.500	.056	•500	.026
. 763	.035	-400	-110	.650	.034	.600	.015	.600	.003
. 803	-083	• 500	. 250	. 700	.392	.650	. 057	.650	-0 20
.842	.164	.600	.001	.750	.153	.700	•094	.700	.065
.921	.225	.650	. 0 26	. 800	.221	.750	.173	.750	.097
.961	.196	.700	.069	•900	.265	.800	.211	.800	.287
		. 750	.151	.950	.248			••••	
		.800	. 1 94		••••				
		.900	.254						
		.950	.239						

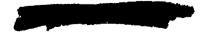


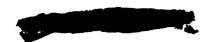
### (a) M = 0.25 - Continued

 $\alpha = 12.93^{\circ}; C_{L} = 1.204$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE	ŧ	
X/L CP .731160 .747187 .763274 .778252	X/C CP .223 -1.025 .346822 .448631 .487566 .527506 .566413 .605326	X/C CP 0.000 -4.406 .003 -8.348 .010 -7.601 .020 -7.065 .025 -5.087 .030 -4.305 .050 -2.594	X/C CP 0.000 -3.393 .010 -6.796 .030 -3.741 .050 -2.728 .100 -1.931 .180 -1.353 .300940	x/C CP 0.000 -2.812 .010 -6.611 .030 -3.463 .050 -2.638 .100 -1.801 .180 -1.294 .300923	X/C CP 0.000 -2.277 .010 -4.956 .030 -2.778 .050 -2.198 .100 -1.463 .180 -1.036 .300 -783
	.669276 .684236 .724208 .763149 .803126 .882144 .961077	.100 +1.957 .120 -1.706 .180 -1.312 .250 -1.066 .300930 .350835 .400737 .450656	.350843 .400757 .450672 .500612 .550538 .600482 .650402 .700347	.350820 .400721 .450655 .500599 .550536 .600475 .650421	.350707 .400665 .450516 .500557 .600519 .650465 .700434
		.500588 .550522 .600456 .650317 .700317 .800200 .900089 .950047	.750268 .850125 .950(;8	.990035	.750418 .850243 .950083 .990004

X/C	CP	X/C	SP	x/C	CP	x/c	CP	X/C	CP
.148	.362	.005	723	- 305	421	.005	662	.005	.206
· 555	.265	. 02 5	.854	-025	.881	.025	.893	•025	.855
.338	. 170	.050	.789	-050	.826	.050	.825	.050	.715
.448	-102	.100	.589	.100	.625	.100	.639	. 100	. 491
.527	.039	. 120	.541	.180	.443	.180	.419	-180	. 345
.605	.007	.180	. 398	.400	.153	.300	.257	.300	.180
.684	037	.250	.282	.500	.083	.400	. 144	.400	-093
.724	-012	.300	.245	.600	-016	.500	.079	.500	.034
.763	.039	.400	.138	.650	.057	.600	. 02 8	.600	.017
.803	.083	.500	.038	.700	-101	.650	.065	.650	.046
. 842	.156	.600	,009	. 750	.153	.700	.103	- 700	.072
.921	.212	.650	.040	.800	.219	.750	.157	. 750	.106
.961	.203	. 700	.067	.900	. 256	.800	.226	-800	.289
•		. 750	-132	. 950	.249				
		.800	.198						
		.900	. 2 20						
		.950	.212						





### (a) M = 0.25 - Concluded

 $a = 13.63^{\circ}; C_{L} = 1.024$ 

			2		
	STATION .148	STATION .402	STATION .595	STATION _775	STATION .913
FUSEL AGE			WING UPPER SURFACE	•	
X/L CP .731224 .747232 .763305 .778279	X/C	X/C	X/C CP 0.000 -3.806 .010 -7.160 .030 -3.867 .050 -2.826 .100 -1.928 .180 -1.382 .300960 .350866 .400752 .450667 .500604 .550534 .600470 .650405 .700334 .750255 .850129 .950052	X/C CP 0.000 -3.019 .010 -6.739 .030 -3.548 .050 -2.68? .100 -1.865 .180 -1.307 .300930 .350819 .400738 .450657 .500600 .550537 .600472 .650406 .700347 .990048	X/C CP G.000 -2.427 .010 -5.321 .030 -2.935 .050 -2.254 .100 -1.441 .180 -1.084 .300815 .350722 .400 -6.73 .450622 .500591 .550555 .600527 .650527 .650475 .700447 .750447 .750427 .850249 .950085 .990013
	X/C CP -148 .364 -222 .296 -338 .181 -448 .081 -527 .025 -605 .000 -684031 -724014 -763 .013 -803 .093 -842 .147 -921 .173 -961 .180	X/C CP .005798 .025 .856 .050 .819 .100 .601 .120 .548 .180 .420 .250 .308 .300 .233 .400 .153 .500 .065 .600 .002 .650 .040 .700 .088 .750 .142 .800 .186 .900 .228 .950 .214	X/C CP .005603 .025 .885 .050 .844 .100 .656 .180 .454 .400 .166 .500 .087 .600 .021 .650 .051 .700 .096 .750 .139 .800 .212 .900 .246	X/C CP .025784 .025 .888 .050 .836 .100 .646 .180 .441 .300 .269 .400 .079 .600 .035 .650 .069 .700 .101 .750 .154 .800 .213	X/C CP .305 .158 .025 .860 .050 .736 .100 .499 .183 .326 .300 .188 .400 .107 .500 .048 .600 .014 .650 .040 .700 .070 .750 .097 .800 .275



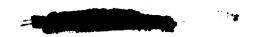


(b) M = 0.50

 $\alpha = -0.06^{\circ}; C_{L} = 0.044$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
<b>FUSEL AGE</b>			WING UPPER SURFACE		
X/L CP .731327 .747354 .763437 .778361	X/C CP .223335 .346338 .448319 .487314 .527287 .566237 .605186 .669176 .684187 .724192 .763147 .803126 .882239 .961183	X/C CP 0-300 .951 .003 .334 .010471 .020647 .075663 .030620 .050560 .100474 .120428 .180374 .250384 .300367 .350359 .400347 .453359 .400347 .453346 .500343 .550341 .600339 .650299 .700283 .800197 .900064 .950 .022 .990 .101	X/C CP 0.000 .957 .010390 .030507 .050473 .100433 .180415 .300368 .350369 .400357 .450345 .500345 .500333 .650315 .700287 .750252 .850130 .950 .027	X/C CP 0.000 .955 .010218 .030461 .050422 .130376 .180375 .350355 .430339 .450334 .530329 .650313 .700284 .990 .027	X/C CP 0.000 .927 .010032 .330411 .050466 .1 C0323 .180300 .300285 .350271 .400281 .450273 .500276 .550285 .600281 .650263 .700256 .750271 .850136 .950 .008 .990 .079

X/C .148 .222	CP 204	X/C •005	CP •524	x/C •005	CP •448	X/C -005	CP •425	x/C •005	CP • 326
.338 .448 .527 .605 .684 .724 .763	224 279 311 333 311 298 233 167 076	-025 -050 -100 -120 -180 -250 -300 -400	421 408 487 435 412 376 375 372 371	.025 .050 .100 .180 .400 .500 .600	332 417 388 363 350 326 290 199 084	.025 .050 .100 .180 .300 .400 .500	313 449 371 363 329 320 302 255 159	.025 .050 .100 .180 .300 .400 .500	288 443 302 246 271 283 271 206 148
.842 .921 .961	.029 .110 .119	.600 .650 .700 .750 .800 .900	320 223 116 012 .068 .182 .203	.750 .800 .900 .950	.012 .108 .202 .221	.700 .750 .800	059 .055 .127	• 700 • 750 • 800	066 .048 .159



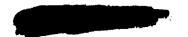
### (b) M = 0.50-Continued

 $\alpha = 0.97^{\circ}; C_{L} = 0.150$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
F US EL AGE			WING UPPER SURFACE		
FUSELAGE  X/L CP  .731294  .747347  .763398  .778359	X/C CP .223388 .346389 .448356 .487342 .527310 .566254 .605205 .669199 .724199 .724199 .763165 .803127 .882240 .961174	X/C CP 0.000 .895 .003008 .010924 .020 -1.037 .025 -1.099 .030922 .050734 .103586 .120531 .180476 .?50435 .300436 .350395 .400387 .450378 .590372 .550368 .600357 .650327 .650327	X/C CP 0.000 .920 .010753 .030691 .053623 .100546 .180546 .180493 .300433 .350411 .400403 .450390 .500380 .550382 .600360 .653342 .700309 .753263 .850134 .950 .030	X/C CP 0.000 .950 .010612 .030710 .050583 .100514 .180457 .300429 .350398 .400374 .450377 .500354 .550366 .600337 .650328 .700294 .990 .051	x/C
		.800209 .900063 .950 .025 .990 .101			

X/C -148 -222 -338 -448 -527 -605 -684 -763 -803 -842 -921	CP 148 172 243 286 301 282 281 263 163 061 035 117 129	X/C .005 .025 .050 .120 .189 .250 .300 .400 .509 .600 .650 .750	CP -711 -156 -220 -344 -304 -325 -321 -327 -349 -337 -291 -203 -110 -004 -087	X/C .005 .025 .050 .100 .180 .400 .500 .600 .700 .750 .800 .900	CP .708 088 239 276 301 294 266 179 074 .031 .119 .214 .234	X/C .005 .025 .050 .100 .180 .400 .500 .650 .750 .800	CP -696 046 263 254 273 269 285 276 241 138 043 068 139	X/C .005 .025 .050 .100 .180 .400 .500 .600 .750 .750	CP .495 086 322 210 182 233 240 246 188 129 063 .171
•		•900	-185						

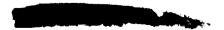




(b) M = 0.50 - Continued

 $\alpha = 1.44^{\circ}; C_{L} = 0.195$ 

	STATION .148	STATEON .4.2	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	:	
X/L CP .731306 .747346 .763394 .778359	X/C	X/C CP  0.000 .859 .003102 .010 -1.053 .020 -1.182 .025 -1.134 .030 -1.058 .050805 .100615 .120591 .180509 .25C476 .300445 .350426 .400401 .450394 .500394 .500396 .550372 .600364 .650335 .700309 .80C212 .900067 .950 .021	X/C	X/C CP 0.000 .944 .010728 .030672 .100557 .180513 .300454 .350402 .400399 .450391 .500381 .550371 .600350 .650339 .700304 .990 .062	X/C
	X/C	X/C CP .005 .767 .025091 .050165 .100303 .120292 .180287 .250292 .300312 .400318 .500320 .600280 .650202 .760104 .750 .003 .800 .988 .900 .190 .950 .216	X/C CP .005 .757 .025 .003 .050 -142 .100229 .18)246 .400283 .500289 .600250 .650168 .700068 .75J .032 .800 .126 .900 .216	X/C CP .005 .735 .025 .019 .050225 .100245 .300243 .400262 .500272 .650224 .650130 .700039 .750 .067 .830 .143	X/C CP .005 .613 .025 .020 .050224 .100186 .180167 .300211 .400238 .500244 .600175 .650122 .700052 .750 .064 .800 .174





### (b) M = 0.50 - Continued

 $\alpha = 1.96^{\circ}; C_{L} = 0.247$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		3141104 1943
			WING OFFER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731312	.223451	0.000 .802	0.000 .855	0.000 .917	0.000 .906
.747330	.346438	.003305	.010 -1.070	.010920	-010590
.763403 .778359	.448394	.010 -1.247	.030 -1.000	.030881	.030042
. 110 334	.487363	.020 -1.389	.050815	.050727	.050691
	•527 -•335 •566 -•277	.025 -1.438	.100665	.100619	.100505
	.605218	.030 -1.231	.180577	-180534	-180429
	.669209	.050925 .100738	.300483	.300480	.300379
	.684206	-120642	.350452 .400444	.350449	-350337
		.180554	.400444 .450421	.400422	.400348
	.724209 .763163 .803127	.250507	.500413	.450415 .500394	•450338
	.803127	.300488	.550397	.550389	.500336
	.882242	•350 -•465	.600384	.6^`369	.550337 .600330
	.961172	.400430	480 - 245	- \	.650308
		460 - 413	344	· 30311	.700294
		•500 <b>~.</b> 401	.750271	.990 .068	.753294
		.500401 .550395 .600375	.700325 .750271 .850140		.850153
		.600375	.950 .024		950 .001
		•650339			•990 •072
		.700317 .800214			
		.900064			
		•950 •025			
		.990 .102			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148086	-005 -826	.005 .799	.005 .814	.005 .659
	-222137	.025 .031	.025 .067	.025 .110	.025 .096
	.338217	.050105	-050096	.050174	-050128
	•448 - •252 •527 - •271	-100238	.100181	-130162	-100184
	.605261	-120213 -180242	-180220	-180204	-180135
	.684271	. 250 245	-400274	.330227	.300191
	.724202	.300269	•500 -•264 •600 -•253	-400240	.400232
	.763138	.400292	.650159	•530 -•247 •600 - 315	.500225
	.803047	-500297	.700058	.600215 .650124	.600178
	.842 .049	.600269	·750 ·036	.650124 .700034	.650115
	.921 .128	.650189	.800 .129	.750 .074	.700046 .750 .064
	.961 .137	.700090	•900 •224	.830 .148	.750 .064 .800 .171
		.750 .020	.950 .234		-000 -111
		.800 .092			
		.900 .200			
		.950 .220			



(b) M = 0.50 - Continued

 $a = 2.97^{\circ}; C_{L} = 0.348$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	1	
X/L CP .731304 .747321 .763401 .778358	X/C CP .223514 .346485 .448430 .487398 .527363 .566299 .605235 .669223 .684215 .724218 .763168 .803139 .882233 .961172	X/C CP 0.C00 .649 .003664 .010 -1.832 .020 -1.878 .025 -1.808 .030 -1.579 .050 -1.809 .100849 .120774 .180622 .250568 .300521 .350490 .400465 .450447 .500432 .550416 .600359 .700330 .800222 .900065 .950 .021	X/C CP 0.000 .761 .010 -1.712 .030 -1.321 .050 -1.000 .100918 .180684 .370551 .350506 .400485 .450462 .500446 .550462 .500406 .653380 .700341 .750286 .850142 .950 -019	X/C	X/C CP 0.000 .656 .010894 .030 -1.039 .050916 .100595 .180488 .300432 .350378 .400376 .450370 .500364 .550364 .550367 .600349 .650326 .700311 .750311 .750311 .850155 .950004

HI MC	INUED	SURFACE
MI 1473	LUMEN	SUMPALE

X/C	CP	X/C	CP	x/C	CP	X/C	C.	¥ /C	<b>C B</b>
. 148 .222 .338 .448 .527 .605 .684 .724 .763 .803 .842	049 093 168 223 247 249 243 191 136 040 .055 .128	.005 .025 .050 .100 .120 .180 .250 .300 .400 .600	CP -897 -195 -044 126 179 205 222 255 275 243 171	X/C .005 .025 .050 .100 .100 .400 .500 .600 .750	CP .877 .329 .052 053 122 226 243 224 145 045 .050	X/C -005 -025 -050 -100 -180 -300 -400 -500 -600 -750	CP .900 .264 .005 059 120 169 207 215 191 106 019 .005	X/C •005 •025 •050 •100 •180 •300 •400 •600 •650 •750	CP -776 -244 022 058 072 156 157 106 157 108
.961	.144	• 700 • 750 • 800 • 900 • 950	083 .)27 .104 .200 .223	.903 .950	.225 .243	.800	.155	.800	.162



ORIGINAL PAGE 18 OF POOR QUALITY

# TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(b) M = 0.50 - Continued

 $\alpha = 3.97^{\circ}; C_{L} = 0.446$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731297 .747322 .763399 .778357	X/C CP .223583 .346534 .448466 .487433 .527387 .566322 .605246 .669223 .684224 .724211 .763159 .803138 .882222 .961163	X/C CP 0.000 .447 .003 -1.142 .010 -2.458 .J20 -2.446 .025 -2.212 .030 -2.J41 .050 -1.328 .100975 .120868 .180710 .250620 .300575 .350533 .400575 .350432 .600478 .500453 .550432 .600413 .650453 .700337 .700337 .700337 .700337 .700337 .700337 .700337 .700223 .900067 .950 .023	X/C CP 0.000 .589 .010 -2.033 .030 -1.676 .050 -1.173 .100943 .180759 .300603 .350559 .400529 .450498 .500475 .550445 .600422 .650385 .700341 .750341 .750286 .850139 .950 .020	X/C	X/C CP 0.000 .757 .010 -1.208 .030 -1.225 .100677 .180548 .300476 .350426 .400418 .450409 .500385 .600367 .650367 .650313 .850163 .950011 .990 .065

.222046											
.921 .143 .650 ~-147 .800 .151 .750 .097 .750 .0	.148 .222 .338 .448 .527 .605 .684 .724 .763 .803 .842	.015 046 133 181 216 215 225 168 110 015 .076	.005 .025 .050 .100 .120 .250 .300 .400 .500 .600 .650 .700	.934 .372 .178 036 058 115 133 170 218 238 220 147 056	.005 -025 -050 -100 -180 -400 -500 -600 -650 -750 -800 -900	.936 .402 .174 .029 -063 -180 -203 -207 -120 -026 .965 .151	.035 .025 .050 .100 .180 .300 .400 .500 .650 .730	.933 .427 .141 .040 071 133 167 189 176 095 008 .097	.005 .025 .050 .100 .180 .300 .400 .500 .600	CP .86 .35 .07 .00 03 11 15 17 08 08 .08	2 8 1 7 3 4 9 8 9 6 6 7



TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(b) M = 0.50 - Continued

a= 4.94°; C<sub>L</sub>= 0.541

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731292	.223652	0.000 .219	0.000 .437	0.000 .542	0.000 .411
.747302	.346589	-003 -1.577	.010 -2.704	.010 -7.297	.010 -1.654
.763396	.448495	.010 -3.023	.030 -2.144	.030 -2.147	.030 -1.552
.778353	.487458	.020 -2.970	.050 -1.405	.050 +1.302	.050 -1.144
	.527405	.025 -2.853	.100 -1.052	.100962	.100766
	.566334	.030 -2.520	.180853	.180788	.180627
	<b>.605</b> 260	.050 -1.455	.300651	.300635	.300517
	.669237	-100 -1-102	.350602	.350574	.350462
	.684228	·120 -·999	.400562	.400541	.400450
	•724 -•221	.1807 <b>83</b>	.450531	.450507	.450439
	.763169	.250678	.500499	.500470	.500418
	.003 -,148	.300623	.550469	.550453	.550412
	.682227	.350576	.600440	.600415	.600388
	<b>.96115</b> 2	.400537	.650396	.650392	.650355
		.450512	.700355	.70034B	.700340
		.500480	.750295	.990 .058	.750339
		.550461	.850144		.850178
		.600425	.950 .020		.950015
		.650381			.990 .059
		.700342			
		.800223			
		.90C064			
		.950 .016			
		.970 .072			
			WING LOWER SURFACE	<b>.</b> .	
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148 .056	.005 .929	.005 .943	.005 .945	.005 .902
	-222015	.025 .505	.025 .548	.025 .544	.025 .489
	.338091	.050 .279	.050 .278	-950 .258	.050 .181
	.448149	.100 .357	.100 .135	.100 .128	.100 .071
	.527186	.120 .025	.180008	.180014	.160 .011
	.605200	.180234	.400138	.300074	.300080
	.684203	.250059	.500170	.400128	.400129
	.724153	.300120	.600175	.500159	.500154
	.763103	-400172	.650106	.600152	.600125
	.853011	.500205	.730015	.650075	.650077
	.842 .084	-600201	.750 .075	.700 .002	.700019
	.921 .152	.650132	.800 .158	.750 .103	.750 .088
	.96l .152	.700046	.900 .241	.800 .170	.800 .193



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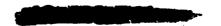


## (b) M = 0.50- Continued

a = 5.92°; C<sub>L</sub> = 0.632

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
X/L CP .731256 .747298 .743387 .778344	X/C CP -223707 -346625 -448520 -447475 -527427 -566350 -605277 -669257 -684237 -724225 -763173 -603152 -882229 -961149	X/C CP 0.000 .013 .003 -2.032 .010 -3.205 .020 -3.079 .025 -2.899 .030 -2.709 .050 -1.903 .100 -1.178 .120 -1.081 .180853 .250732 .300663 .350612 .400573 .450531 .500499 .550471 .600433 .650384 .700343 .80C226 .900071 .950 .015	X/C	X/C CP 0.000 .387 .010 -2.856 .030 -2.037 .050 -1.490 .100 1.074 .180834 .300603 .350601 .400563 .450527 .500492 .550492 .550404 .700352 .990 .050	X/C CP 0.000 .463 .010 -2.015 .030 -2.001 .050 -1.278 .100865 .180684 .300556 .350494 .400481 .450468 .500451 .550404 .650381 .700357 .750351 .850188 .950022
	X/C CP •148 •10C •222 •028 •338 ••066 •448 ••119	X/C CP .305 .925 .025 .635 .050 .367 .100 .132	WING LOWER SURFACE  X/C CP .005 .924 .025 .624 .050 .405 .100 .185	X/C CP .005 .928 .025 .656 .050 .337 .100 .203	.005 .915 .025 .566 .050 .286 .100 .121

X/C .148 .222 .338 .448 .527	CP -10C -028 066 119 161 174	x/C .305 .025 .050 .100 .120	CP •925 •635 •367 •132 •114 •020	X/C .005 .025 .050 .100 .180	CP .924 .624 .405 .185 .052	x/C .005 .025 .050 .100 .180	CP .928 .656 .337 .203 .055	.005 .025 .050 .100 .180	CP -915 -566 -286 -121 -061
.684 .724 .763 .803 .842 .921	187 140 094 002 .097 .156 .162	. 250 . 300 . 400 . 500 . 650 . 700 . 750 . 800 . 900	041 08. 134 170 176 114 030 .060 .127 .222	.500 .600 .650 .700 .750 .800 .900	145 162 094 010 -079 -165 -240 -251	.400 .500 .600 .650 .700 .750	104 134 136 062 .010 -107 170	.400 .500 .600 .450 .700 .750 .800	103 135 113 070 015 091 198





## (b) M = 0.50 - Continued

 $\alpha = 6.93^{\circ}; C_{L} = 0.721$ 

	STATION .148	STATION .402	STATION .595	STATEON .775	STATION .913
FUSELAGE			WING UPPER SURFACE	E	
X/L CP .731267 .747289 .763387 .778343	X/C CP -223757 -346672 -448553 -487498 -527440 -566364 -605284 -669253 -684242 -724225 -763178 -803147 -882214 -961137	X/E CP 0.000196 .003 -2.245 .010 -2.686 .020 -2.499 .025 -2.363 .030 -2.446 .050 -2.370 .100 -1.651 .120 -1.363 .180957 .250784 .300701 .350641 .400589 .450524	X/C CP 0.000 .032 .010 -3.180 .030 -2.846 .050 -2.043 .100 -1.356 .180994 .300736 .350665 .400613 .450570 .500533 .550496 .600456 .650400 .700355 .750290	x/C	X/C CP 0.000 .244 .010 -2.428 .030 -2.398 .050 -1.410 .100964 .180744 .300601 .350505 .450488 .500488 .500488 .650458 .650358 .650393 .700374 .750360
		.550473 .600434 .650388 .700340 .800223 .900077 .950006	.850134 .950 .006		.850193 .950029 .990 .046

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	• 1 39	.005	.870	.005	-898	- 005	.880	- 005	.907
.222	.071	.025	.682	.025	.707	.025	.708	.025	.643
.338	032	.050	.443	-350	.467	.050	.450	•050	. 354
.448	095	. 100	.218	-100	.269	. 100	.278	-100	.189
.527	142	.120	.190	.183	-130	.180	. 121	.180	-147
-605	156	.180	.069	- 400	072	.300	.001	.300	013
.684	167	.250	.003	.500	117	.430	068	.400	019
.724	119	. 300	030	.600	135	•500	104	.500	113
. 763	078	.400	101	•650	071	.600	113	.600	095
.603	.005	.500	156	.700	• 007	.650	053	•650	050
.842	•099	.600	159	. 750	.084	.700	.024	. 700	007
. 921	.16?	.650	~.098	.800	. 167	.750	.121	.750	.095
. 961	.164	. 700	021	.900	. 245	.800	-179	.800	.199
		. 750	.074	.950	.248				
		.800	.141						
		.900	.223						
		.950	.231						



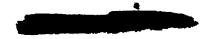


(b) M = 0.50 - Continued

 $\alpha = 7.96^{\circ}; C_{L} = 0.791$ 

		STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	FLAGE			WING UPPER SURFACE	:	
FUS X/L .731 .747 .763 .778	FL AGE  CP256282380333	X/C CP .223835 .346715 .448580 .487522 .527460 .566376 .605292 .669250 .684241 .724216 .763180 .803146 .882213	X/C	X/C CP 0.000151 .010 -3.331 .030 -3.016 .050 -2.200 .100 -1.611 .180 -1.147 .300778 .350685 .400635 .450574 .500531 .550494 .600437 .650378 .700330 .750269	x/C	X/C CP 0.000 .087 .010 -2.787 .030 -2.722 .050 -1.601 .100 -1.071 .180826 .300638 .350560 .400540 .450511 .500487 .550469 .600439 .650378 .750378
			.550468 .600408 .650361 .700322 .800206 .900082 .950028	.850138 .950023		.850193 .950033 .990 .036

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	.177	. 005	.810	- 005	.848	.005	. 626	.005	.884
•222	• 109	.025	.742	.025	.769	.025	. 753	.025	.699
.338	.007	-050	-508	-050	.526	.050	.507	.050	-417
.448	069	. 100	•2 72	.100	. 339	.100	.326	-100	-250
.527	123	. 120	• 232	-180	.172	.180	.150	.180	-150
. 605	138	.180	• l 29	- 400	043	.300	.043	.300	.013
.684	157	.250	.050	.500	094	.400	033	•400	059
.724	107	. 300	006	.600	126	.500	094	.500	095
.763	067	.400	375	-650	063	-600	105	.600	088
. 803	.017	.500	L33	- 700	.012	.650	042	.650	045
.842	.106	.600	. 152	- 750	-091	.700	.027	.700	.001
.921	.169	.650	091	. 800	.168	. 750	.120	- 750	.099
.981	.163	.700	022	-900	. 238	.800	.175	.800	-203
		. 750	.070	.950	. 230		****		• • • • • • • • • • • • • • • • • • • •
		.800	.131		• • • •				
		-900	.217						
		.950	.215						





(b) M = 0.50 - Continued

 $\alpha = 8.93^{\circ}; C_{L} = 0.842$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	E	
X/L CP .731261 .747269 .763386 .778345	X/C CP -223877 -346744 -448603 -487535 -527471 -566301 -669267 -684243 -724240 -763150 -882210 -961129	X/C CP 0.000503 .003 -2.393 .010 -1.970 .020 -1.995 .025 -1.826 .030 -2.026 .050 -1.826 .100 -1.969 .120 -1.915 .180 -1.256 .250 -1.024 .300856 .350707 .400615 .45)560 .500498 .550451 .600397 .650350 .700303 .800219 .900133 .950064 .990035	X/C CP 0.000192 .010 -3.152 .030 -2.841 .050 -1.840 .100 -1.680 .180 -1.290 .300886 .350791 .400 -6.49 .450576 .500529 .550469 .600410 .650369 .700338 .750284 .850165 .950084	X/C CP 0.000006 .010 -3.171 .030 -2.825 .050 -2.346 .120 -1.666 .180 -1.102 .330758 .350678 .430636 .450542 .530542 .550547 .700315 .990037	X/C CP 0.000 .000 -010 -2.875 -030 -2.409 -050 -1.815 -100 -1.267 -180 -874 -300659 -350581 -400548 -450512 -500 -4469 -550476 -600429 -650410 -700370 -750348 -850189 -950040 -990 .013
	X/C CP -148 .213 -222 .140 -338 .033 -448 -047 -527 -087 -605 -112 -684 -142 -724 -104 -763 -054 -803 .020 -842 .111 -921 .165 -961 .175	X/C	X/C CP .005 .833 .025 .786 .050 .561 .102 .369 .180 .203 .400015 .500080 .600118 .65^074 .7C .006 .750 .073 .800 .152 .900 .204 .950 .188	X/C CP .035 .793 .025 .802 .050 .536 .100 .370 .180 .199 .300 .064 .400019 .500081 .600096 .650046 .700 .022 .750 .111 .800 .169	X/C CP .005 .868 .025 .731 .050 .459 .100 .277 .180 .184 .300 .032 .400034 .500031 .600076 .650041 .700 .001 .750 .092 .800 .205



(b) M = 0.50 - Concluded

 $\alpha = 9.93^{\circ}; C_{\tau} = 0.877$ 

		4-0.00 ;	CL - 3.877		
	STATION .148	STATION .402	STATION .595	STATION .775	STATEON +913
FUSEL AGF			WING UPPER SURFACE	•	
X/L CP .731245 .747274 .763399 .778381	X/C CP 223 888 346 743 448 598 487 565 527 490 566 404 605 319 669 285 684 269 724 240 763 1184 882 267 961 163	X/C CP 0.000562 .003 -2.158 .010 -1.649 .020 -1.609 .025 -1.592 .030 -1.546 .050 -1.582 .100 -1.587 .120 -1.656 .180 -1.430 .250906 .300905 .350768 .400721 .450701 .500637 .550546 .20193+ .694522 .700437 .800333 .900441 .950218	X/C	X/C CP 0.000088 .010 -3.133 .030 -2.744 .050 -2.350 .100 -1.588 .130 -1.043 .330764 .350691 .400630 .450567 .500533 .550486 .600446 .650401 .700363 .990104	X/C CP 0.000124 .010 -2.990 .030 -2.776 .050 -1.814 .100 -1.387 .186935 .300672 .350636 .400571 .450543 .500487 .600465 .650425 .700372 .750369 .851225 .990035
	X/C CP -148 .236 -222 .149 -338 .063 -448 -027 -527 -087 -605 -131 -684 -141 -774 -101 -763 -071 -803 .015 -842 .102 -921 .165 -961 .167	X/C CP .305 .744 .025 .805 .053 .590 .100 .337 .12C .288 .180 .172 .250 .076 .300 .019 .400049 .500122 .600164 .650101 .700071 .750 .033 .800 .076 .900 .136 .950 .101	X/C CP .005 .844 .025 .712 .050 .571 .100 .332 .180 .226 .400041 .500111 .600165 .650101 .700060 .750 .053 .800 .107 .900 .161	X/C CP •005 •740 •025 •798 •050 •563 •100 •380 •180 •200 •300 •063 •400 -•036 •500 -•116 •650 -•058 •700 -•001 •750 •093 •600 •136	X/C CP .005 .829 .025 .746 .050 .493 .100 .279 .180 .193 .300 .032 .400033 .500092 .600088 .650049 .700011 .750 .089 .800 .193



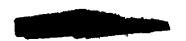
(c) M= 0.60

 $\alpha = -0.06^{\circ}$ ;  $C_{L} = 0.041$ 

		STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	EL AGE			WING UPPER SURFACE	•	
X/L .731 .747 .763 .778	CP 354 373 425 362	X/C CP •223335 •346352 •448331 •487313	X/C CP 0.000 .976 .003 .379 .010555 .020697	X/C CP 0.000 .975 .010420 .030514	X/C CP 0.000 .980 .010217 .030506	X/C CP 0.000 .945 .010034 .030464
	3332	.527279 .566228 .605175 .669171	.025747 .030685 .050571 .100491	.050481 .100444 .180433 .300391 .350375	.050465 .100410 .180397 .300389 .350371	.050484 .100354 .180307 .300309 .350272
		.684189 .724205 .763166 .803141 .882256	.120455 .180408 .250390 .300389 .350372	-400376 -450380 -500370 -550364 -600356	.400359 .450358 .500354	.400295 .450304 .500298 .550305
		.961193	.400359 .450365 .500356 .550362	.650336 .700306 .750263 .850125	.630333 .650325 .700296 .990 .048	.600297 .650274 .700273 .750282 .850135
	•		.600356 .650323 .700300 .800206 .900061	•950    •039		.950 .021 .990 .090
			.950 .036 .990 .112			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
.148	187	.005	.547	- 005	.550	.005	.479	- 205	.377
•555	237	-025	434	.025	302	.025	293	.025	261
.338	<b>~.</b> 302	•050	399	-050	452	.050	465	.050	438
.448	345	• loo	501	-100	434	. 100	396	.100	338
.527	359	.120	449	.180	401	.183	388	-180	
.605	340	.180	428	. 400	392	.300	351		263
.684	322	-250	406	•500	370	.430		-300	301
.724	253	• 300	409	.600	313		353	•400	314
. 763	176	•400	407	.650	205	-500	332	•500	30 4
.803	069	.500	404	.700	086	-600	271	•600	221
.842	•025	.600	343			.650	164	-650	148
.921	.117	.650	229	• 750	.023	. 700	057	. 700	060
.961	.132	. 700		-803	-116	.750	-061	.750	.061
.,	• 4 3 2		123	•900	.216	.800	-135	.800	-170
		• 750	006	.950	-232				
		.800	-082						
		-900	-185						
		• 950	.212						



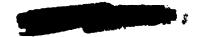


(c) M = 0.60 - Continued

 $\alpha = 0.96^{\circ}; C_{L} = 0.148$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP •731345 •747367 •763421 •778362	X/C CP •223403 •346414 •448372 •487345 •527313 •566252 •605195 •669186	X/C CP 0.000 .930 .003 .152 .010837 .020 -1.104 .025 -1.054 .030923 .050772 .100615	X/C CP 0.000 .950 .010738 .030769 .050678 .100578 .180541 .300461 .350434	X/C CP 0.000 .981 .010502 .030687 .050594 .100528 .180487 .300447 .350422	X/C CP 0.000 .946 .010280 .030651 .050632 .100431 .180386 .300360 .350325
	.684207 .724222 .763180 .803147 .882252 .961183	.120579 .180494 .250458 .300437 .350427 .400410 .450395 .500392 .550386 .600375 .650345 .700320 .800219 .900061	.400427 .459412 .500403 .550397 .600384 .650361 .700325 .750272 .850129 .950 .037	.400411 .450393 .500388 .550358 .650351 .700310 .990 .062	.400328 .450329 .500323 .550331 .600322 .650302 .700293 .750297 .850141 .950 .016

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
. 148	134	. 005	•733	• 0 0 5	.710	.035	.697	.005	-541
.222	176	• 02 5	215	.025	098	.025	100	.025	069
.338	256	.050	254	.050	243	.050	327	•050	298
.448	295	. 100	371	-100	292	.100	276	.100	252
.527	325	. 120	355	-180	322	.180	310	.180	216
. 605	315	.180	358	-400	340	. 300	307	.300	251
.684	298	.250	347	- 500	331	.420	314	.400	279
.724	238	•300	359	.600	289	.500	305	.500	272
. 763	159	-400	350	.650	192	.600	243	.600	204
.803	059	. 500	357	.700	070	.650	146	.650	137
. 842	-044	.600	316	.750	.031	.700	045	.700	051
.921	.126	.650	218	.800	.127	.750	-047	.750	.066
.961	.143	.700	105	.900	.?24	.800	.145	.800	.176
_		. 750	.008	.950	. 241				
		. 800	.089						
		-900	.197						
		.950	.218						





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# TABLE XII.- WING AND FUSEL-GE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(c) M = 0.60- Continued

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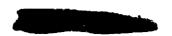
 $\alpha = 1.44^{\circ}$ ;  $C_{L} = 0.198$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	:	
X/L CP	X/C CP	<b>X/C</b> CF	X/C CP	X/C CP	X/C CP
.731342	.223434	0.000 .900	0.000 .940	0.000 .968	0.000 .944
.747378	.346431	.003057	.010887	.010666	.010422
.763420	.448394	.010 -1.048	.030852	.030820	.030729
.778361	.487366	.020 -1.310	.050745	.050718	.050693
	.527322	.025 -1.263	.100647	.100588	.100487
	•566260	.030 -1.202	.180580	.180549	.180427
	<b>.</b> 605 <b></b> 202	.050869	.300501	.300477	.300392
	.669194	.100678	.350460	.350446	.350343
	.684206	-120628	.400447	.400424	.400346
	.724216	·180 -·522	.450439	.450413	.450352
	.763182	.250487	•500 <b>4</b> 20	.500403	.500342
	.893144	.300474	.550413	.550395	.550352
	.882257	.350447	.600392	.600370	.600333
	.961184	.400423	.650362	.650357	.650308
		.450411	.700327	.730316	.700298
		<b>.</b> 500 <b>403</b>	.750278	.990 .070	.750305
		.550392	.850131		.850146
		.600384	.950 .038		.950 .012
		·650 -·352			.990 .087
		.700319			1110 1001
		.800217			
		.900064			
		.950 .031			
		.990 .110			

-	MAC:		60	CIH	 ACE

X/C	ÇP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	116	.005	.780	-005	.738	. 005	.745	.005	.562
.222	169	.025	065	.025	008	.025	000	.025	.021
.338	235	.050	185	. 050	201	.050	262	.050	249
. 448	- • 2 82	.100	325	-100	251	. 100	230	-100	216
.527	312	.120	311	-180	272	.180	278	-180	178
• 605	311	.180	297	- 400	311	-300	254	-300	223
-684	296	.250	320	.500	322	.400	289	.400	256
.724	224	- 30 0	332	.600	280	-500	289	.500	266
. 763	159	.400	344	.650	178	.600	243	.600	198
.803	057	•500	351	. 700	066	.650	14.	.650	128
.842	.042	-600	308	.750	.0 37	.700	038	. 700	048
.921	-129	.650	205	-800	. 130	.750	.079	.750	.069
.961	-141	.700	106	. 900	.228	.800	.147	.800	180
		.750	.011	.950	.244		••••		
		.800	.094						
		-900	-199						





# TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(c) M = 0.60 - Continued

 $\alpha = 1.93^{\circ}$ :  $C_L = 0.251$ 

			-		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731349	.223461	0.000 .856	J.000 .893	0.000 .951	0.000 .941
.747367	.346456	.003189	-010 -1-082	.010891	.010559
.763420	.448411	.010 -1.254	.030 -1.059	.030927	.030856
.778367	.487377	.020 -1.615	.050859	.050807	.050796
	.527333	.025 -1.466	.100700	.100639	.100540
	.566 272	.030 -1.255	.180630	.180553	.180447
	.605210	.050931	.300522	.300497	.300411
	.669198	.100737	.350483	.350460	.350362
	.684209	.120687	.400464	.400447	.400359
	.724227	-180564	.450453	.450427	.450363
	.763175	.250522	.5C0442	.500413	.500359
	.803153	.300495	.550417	.550406	.550355
	-882255	.350464	.600403	.630378	.600342
	.961176	.400438	.650372	.650361	.650314
		.450440	.700333	.700328	_
		.500421	.750279	.990 .074	.700306 .750308
		-550407	.850132	.,,0	.850148
		.600395	.950 .039		.950 .015
		.650353	0,,,0		
		.700330			.990 .089
		.800218			
		.900059			
		.950 .031			
		.990 ·110			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	-148080	.005 .825	.005 .837	.005 .811	.005 .681
	•222 -•145	.025 .027	.025 .074	.025 .112	.025 .090
	.338223	.050116	.050111	.050196	.050165
	.448265	.100261	-100188	.100172	.100170
	<b>.</b> 527 <b>294</b>	.120264	.180239	-180247	.180143
	.605294	·180 -·283	-400 285	-300252	.300215
	-684284	.250284	.500300	.400268	.400233
	.724216	.360302	.600273	.500274	.500248
	.763148	.400318	.650173	.600229	.600191
	<b>.</b> 803049	• <b>5</b> 00 -•328	.700058	.650 ~.134	.650124
	.842 .048	.600291	.750 .043	.700033	.700046
	.921 .131	.650209	.800 .134	.750 .073	.750 .071
	-961 .146	.700095	.900 .232	.800 .155	.800 .182
		.75¢ .024	.950 .248		
		.800 .096			



.024 .096 .208 .227

. 75 C .800 .900 .950



(c) M = 0.60 - Continued

 $\alpha = 2.45^{\circ}; C_{L} = 0.304$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	W.4.			
. 731	345	.223503	X/C CP	X/C CP	X/C CP	X/C CP
.747	362	.346494	0.000 .796 .003357	0.000 .832	0.030 .925	0.000 .908
. 763	422	.448426	•010 -1•468	.010 -1.335	.010 -1.092	.010666
.778	360	.487395	.020 -1.896	.030 -1.270 .050979	.030 -1.168	.030997
		.527348	.025 -1.687	.100753	.050929 .100705	-050892
		.566282	.030 -1.548	.180690	.180613	-100561
		.605216	.050965	.300549	.300525	.180487 .300433
		.669205	.100822	.350510	.350497	·350 - ·383
		.684215	.120757	.400488	.400476	.400382
		.724222	.180608	.450470	.450443	.450376
		.763186	·250553	.500449	.500431	-500365
		.803155	-300519	.550432	.550417	.550367
		.882256	.350491	.6 <u>0</u> 0412	.600390	.600352
		.961176	.400454	<b>.650379</b>	.650368	.650325
			.450450 .500434	.700341	.700332	.700316
				.750288	.990 .073	.750316
			•550420 •600403	·850 -·136		.850152
			.650364	<b>.950 .</b> 037		.950 .011
			.700336			•990 •086
			.800223			
			.900064			
			.950 .032			
			.990 .106			
				WING LOWER SURFACE		
		X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
		.148057	.005 .887	.005 .883	.005 .864	.005 .757
		.222105	-025 -128	.025 .176	.025 .195	.025 .160
		.338197	-050032	-050028	.050092	.050100
		•448243	.100191	.100130	-100109	.100135
		•527 -•274 •05	.120206	·180209	·180197	.180134
		.605268 .684274	-180226	.40026B	-300216	.300 187
		•724 -•203	-250248	-500279	·400 -·250	.400220
		.763132	.300262 .400297	.600259	.500247	.500236
		.803033	•400 -•297 •500 -•302	•650157	.600218	.600180
		.842 .062	•600 269	.700052 .750 .053	.650121	.650112
		.921 .141	.650188	.750 .053 .800 .144	•700 <b>~ •</b> 223	.700039
		.961 .149	.70C085	.900 .238	•750 •083	.750 .078
			.750 .034	.950 .252	-800 -159	.800 .187
			.800 .112	*****		

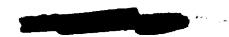


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.213

.900 .950



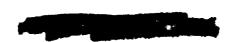
(c) M = 0.60 - Continued

 $\alpha = 2.92^{\circ}; C_{L} = 0.353$ 

FUSELAGE X/L CP					STATION .913
Y/1 CD			WING UPPER SURFACE		
.731335 .747356 .763426 .778361	X/C CP .223529 .346517 .448436 .487409 .527361 .566293 .605224 .669210 .684217 .724231 .763181 .803150 .802249 .961172	X/C CP 0.000 .700 .003509 .010 -1.625 .020 -2.023 .025 -1.840 .030 -1.822 .050 -1.928 .100852 .120792 .180644 .250557 .350512 .400473 .450458 .500443 .550443 .550443 .550443 .550499 .650370 .700338 .800218 .900060 .950 .034 .990034	X/C CP 0.000 .793 .010 -1.549 .030 -1.467 .050 -1.020 .100842 .180729 .300573 .350534 .430506 .450486 .500468 .550450 .600428 .650390 .700344 .750288 .850134 .950 -036	X/C CP 0.000 .894 .010 -1.270 .030 -1.301 .050951 .100769 .180662 .300557 .350510 .400480 .450457 .500442 .550442 .550435 .600403 .650378 .700338 .990 .072	X/C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
•148	-• 028	•005	•921	.005	.905	.005	.897	.005	. 794
.222	105	.025	.214	.025	.253	.025	.279	.025	.230
. 338	180	.050	.011	.050	.034	.050	043	•050	~.026
.448	224	.100	174	• 100	096	.100	070	-100	081
.527	265	.120	167	. 180	159	.180	159	.180	102
.605	262	- 180	194	•400	249	-300	196	.300	
. 684	264	.250	222	-500	259	.400	232	.400	172
.724	196	-300	248	.600	248	.500	240	.500	210
.763	131	.400	274	.650	149	.600	210		220
. 803	034	-500	295	700	044	-650	118	-600 -650	174
- 642	.060	-600	270	.750	.054	.700	023		108
.921	.145	.650	175	.800	.147	.750	.089	-700	039
.961	.155	.700	078	.900	.237	.800	.161	.750	.077
		.750	.033	.950	. 251	• 800	. 101	-800	.190
		. 800	•106	• • • • •	• 671				
		•900	-212						
		7							





ORIGINAL PAGE 19 OF POOR QUALITY

# TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(c) M = 0.60 - Continued

 $\alpha = 3.95^{\circ}; C_{L} = 0.455$ 

		STATIO	N .148	STATEO	N .402	STATIO	N .595	STATION	.775	STATIO	N .913
FUSE	LAGE					WING UPP	ER SURFACE	E			
X/L • 731 • 747 • 763	CP 317 329 424 361	X/C •223 •346 •448 •487 •527 •566 •605 •669 •684	CP 602 572 482 442 384 312 240 217 225 232	.020 .075 .030 .050 .100 .120	CP -609 -801 -1-995 -2-367 -2-281 -2-235 -1-703 964 866 718	X/C 0.000 .010 .030 .252 .100 .183 .300 .353 .400	CP .712 -1.956 -1.999 -1.391 960 801 632 583 548 524	X/C 0.000 .010 - .030 - .100 .180 .300 .350 .450	1 2899 1 - 357 881 736 605 562 522 493	.030 .050 .100 .180 .300 .350 .400	CP .802 -1.193 -1.465 -1.118 714 579 497 446 437 428
		.763 .803 .882 .961	193 156 248 164	.250 .300 .350 .400 .500 .550 .600 .650 .700 .800 .900	635 595 595 516 490 475 448 419 376 343 221 058 031	.500 .550 .600 .650 .700 .750 .850	494 462 440 396 350 290 131 .038	.550 .630 .650	467 448 414 391 340 .067	.500 .550 .600 .650 .703 .750 .750 .950	414 403 389 353 336 335 167 -003 -077

X/C	CP	X/C	CP	X/C	CP	X/C	(P	x/C	CP
.148	•027	-005	.954	• 005	.940	.035	.953	.005	.864
. 222	049	.025	.369	.025	.405	.025	.418	.025	.380
.338	143	•050	.149	.050	.170	.050	.121	.050	.076
.448	202	- 100	064	.100	.017	.100	. 028	.100	022
.527	231	- 120	065	.180	085	.180	091	-180	048
. 605	228	.180	113	- 400	201	.300	140	.300	137
.684	245	.250	165	-500	222	.400	193	-400	174
.724	184	.300	193	.600	221	.500	210	. 500	194
.763	117	•400	238	.650	137	.600	190	.600	154
.803	024	-500	260	.700	034	.650	103	.650	095
.442	.072	.600	253	.750	.066	.733	017	.760	030
.921	.15?	-650	161	.800	.157	.750	.098	-750	.087
.961	-160	.730	265	.933	.245	.800	.167	.800	.199
		.750	.042	. 950	.253				
		.800	.119						
		•900	.220						
		. 950	.233						



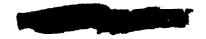


(c) M = 0.60 - Continued

 $\alpha = 4.94^{\circ}; C_{L} = 0.554$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
FUSELAGE  X/L CP .731331 .747349 .763415 .778360	X/C CP -223685 -346622 -448514 -487465 -527404 -566328 -605229 -669225 -684233 -724237 -763192 -803164 -882247 -961158	X/C CP 0.000 .433 .003 -1.071 .010 -2.228 .020 -2.273 .025 -2.125 .030 -2.190 .050 -2.306 .1C0 -1.494 .120 -1.149 .180766 .250662 .300621 .35'3572 .400535 .450505 .500474 .550453 .600428	X/C CP 0.000 .589 .010 -2.209 .030 -2.238 .050 -2.213 .100 -1.081 .180859 .300672 .350613 .400576 .450543 .500510 .550477 .600445 .650397 .700347 .750287 .850130 .950 .027	x/C	X/C CP 0.000 .702 .010 -1.457 .030 -1.845 .050 -1.393 .100805 .180649 .300543 .350487 .400474 .450463 .500463 .500463 .500415 .650378 .700354 .750351 .850176 .950007 .990 .066
		.700335 .800217 .900061 .950 .017 .990 .085			

X/C	CP	x/c	CP	x/C	CP	X/C	CP	x/c	CP
.148	•059	.005	.959	.005	.961	.005	.965	4 0 0 5	. 906
. 222	009	.025	.485	.025	.530	.025	.539	.025	.478
.338	101	-050	.241	.050	. 262	.050	.201	. 050	.178
.448	168	-100	-017	.100	. 100	.100	-103	. 100	.057
. 527	206	• 120	-019	-180	024	. 180	017	.180	.003
.605	215	.180	060	.400	166	.300	100	.300	096
.684	223	•250	103	. 500	199	.400	153	-400	148
.724	166	.300	142	-600	200	.500	180	.500	173
.763	111	- 400	197	.650	114	.600	166	.600	138
.803	010	-500	240	.700	022	.650	090	.650	082
.842	-085	•600	229	.750	.073	.700	003	.700	021
.921	. 156	•650	150	.800	.163	.750	.103	. 750	.093
. 961	-161	.700	054	.900	.246	.800	.173	.800	.201
		. 750	.055	.950	. 257	_			
		.800	.127						
		-900	.221						
		.950	.232						





(c) M = 0.60 - Continued

 $\alpha = 5.95^{\circ}$ ;  $C_{L} = 0.645$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	F	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731298	.223746	0.000 .336	0.000 .465	0.000 .616	0.000 .581
.747341	.346673	.003 -1.273	.010 -2.358	.010 -2.066	.010 -1.663
.763404	.448 ~.551	.010 -2.010	.030 -2.422	.030 -2.263	.030 -2.049
.778353	.487489	.020 -1.862	.050 -2.366	.050 -2.141	.050 -1.900
	.527428	.025 -1.932	.100 -1.613	.100 -1.531	.100904
	.566341	.030 -1.898	.180956	-180886	.180715
	.605259	.050 -1.855	.300706	.330678	.300586
	.669236	.100 -1.775	.350636	.350616	.350512
	.684236	.120 -1.629	.400593	.430570	.400502
	.724238	.180 -1.151	.450549	.450533	.450476
	.763192	.250815	.500515	.500498	.500455
	.803 ~.166	.300645	.550470	.550461	.550441
	.882237	.350586	.600440	.600421	.600419
	.961149	.400547	.650393	.650385	.650389
		.450517	.700342	.700341	.700365
		.503478	.750276	.990 .041	.750352
		.550441	.850129		.850180
		.600420	.950 .013		.950013
		.650376			.990 .057
		.703331			*****
		.800213			
		.900076			
		.950304			
		.993 .355			

WING LOWER SURFACE	۱I۱	IG	LOW	ER	S	URF	٩C	E
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X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	.098	.005	.960	.005	.968	.005	.962	.005	.929
.222	.038	.025	.572	.025	. 593	.025	.604	.025	. 553
.338	069	.050	.329	.050	.358	.050	.308	.050	.256
.448	146	.100	. 116	.100	.173	.130	.186	.100	.115
.527	186	.120	.088	.180	.045	.180	.039	-180	.049
.605	190	.185	305	.400	138	.300	056	.300	068
.684	201	. 250	055	.500	169	.400	120	.400	126
. 724	151	.20)	101	.6 00	178	. 500	158	.500	146
.763	100	.400	162	-650	102	.630	156	-600	123
.803	.000	.500	210	.700	013	.650	078	.650	070
. 842	. 089	.600	203	.750	.081	.700	.007	.700	013
. 92 l	-158	.650	132	.800	.164	. 750	.112	- 750	.099
.961	.159	. 700	043	.900	.245	.600	-191	.800	. 20 1
		. 750	.061	.950	.250				
		.803	.129						
		.900	.228						
		.950	.230						



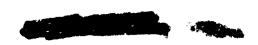


TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(c) M = 0.60- Continued

 $\alpha = 6.97^{\circ}; C_{L} = 0.719$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGF			WING UPPER SURFACE		
X/L CP .731296 .747317 .763404 .778350	X/C CP .223810 .346712 .448580 .487517 .527446 .566358 .605271 .669248 .684243 .724241 .763162 .882232 .961146	X/C CP 0.300 .187 .003 -1.507 .013 -1.844 .020 -1.760 .025 -1.748 .030 -1.742 .050 -1.802 .100 -1.780 .120 -1.733 .180 -1.363 .250985 .300779 .350566 .400588 .450523 .500487 .550487 .550487 .550487 .550353 .703312 .803710 .903389 .950389	X/C CP  0.000 .369  .010 -2.471 .039 -2.440 .050 -2.288 .100 -1.801 .180 -1.126 .300737 .350657 .400598 .450599 .500505 .550458 .600405 .650355 .700313 .750257 .850125 .950014	X/C CP 0.000 .512 .010 -2.235 .030 -2.312 .050 -2.146 .100 -1.712 .180 -1.145 .300 -717 .350 -639 .400 -580 .450 -533 .500 -493 .550 -493 .550493 .550401 .650367 .700306 .990 .005	X/C CP 0.000 .505 .010 -1.851 .030 -2.131 .050 -1.881 .100 -1.314 .180817 .300609 .350539 .400515 .450476 .550476 .550427 .650387 .700367 .700367 .750342 .850176 .950020 .990 .040

w	ING	LOWER	SURFACE	

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	.152	.005	.943	.005	.961	.005	. 94 6	.005	.926
.222	.076	. 025	.656	.025	-670	.025	.667	.025	.604
. 338	022	.050	.408	.050	.427	.050	.383	.050	.318
.448	104	.100	.182	.100	.244	.100	. 238	.100	.165
.527	151	.120	-143	. 180	.099	.180	.080	. 180	.097
.605	162	. 180	. 370	.400	102	.3 30	015	.300	035
. 684	189	• 250	019	.500	143	.400	097	.400	098
.724	133	-300	356	.600	167	.500	138	.500	134
.763	080	.400	118	.650	094	.600	142	.600	114
. 803	.005	. 50 0	185	.700	013	.650	068	.650	063
. 942	-101	.600	195	.750	.074	. 703	.004	.700	012
.921	.: 76	.650	118	.800	-161	.750	.111	. 750	.093
.961	-170	.700	037	.900	.236	.800	.175	.800	-2 05
		.750	. 361	.950	.231				
		. 800	.136						
		.900	. 223						
		• 95 0	.219						





TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(c) M = 0.60 - Concluded

 $\alpha = 7.89^{\circ}; C_{L} = 0.767$ 

	STATIUN .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	:	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731301	.223857	0.000 .077	0.000 .268	0.000 .427	0.000 .402
.747318	.346752	.003 -1.654	.310 -2.427	.313 -2.334	.010 -1.967
.763411	.448606	.010 -1.507	.030 -2.281	-030 -2-340	.030 -1.810
.778363	.487542	. 323 -1.495	.050 -2.179	.050 -2.184	.050 -1.656
	.527474	.025 -1.489	.100 -1.929	.100 -1.757	.100 -1.465
	.566389	-030 -1.527	.180 -1.348	.180 -1.278	.180 -1.041
	.605297	.050 -1.624	.300842	.300805	.300655
	.669254	-100 -1-723	.350747	.350696	.350581
	•684 <b>-•</b> 251	•120 -1•6 <b>9</b> 9	.400643	.400612	.400550
	•724 -•250	.180 -1.474	.450603	.450542	.450518
	.763200	.250 ~1.186	.500515	.530487	.500482
	.803171	.300925	.550439	.550435	.550454
	.882233	•350 <b>-•77</b> 7	.600400	.600388	.600422
	.961144	.400644	.650341	.650340	.650382
		.450589	.700292	.730297	.700359
		• <b>5</b> 00 -• <b>5</b> 07	.750247	.990041	.750341
		.550441	.850153		.850180
		.600384	.950074		.950043
		-650346			.990 .005
		.700305			
		.800207			
		.900106			
		•950 - <b>•</b> 055			
		• <b>99</b> 0 -•022			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	x/c co	X/C CP
	-148 -181	.005 .917	.005 .938	.005 .927	.005 .912
	.222 .100	.025 .721	.025 .710	•025 •721	.025 .643
	.338 .GCL	.050 .470	•050 •472	.050 .458	.050 .368
	.448265	.100 .213	.100 .290	-130 .2 <b>79</b>	.100 .204
	•527 -•127	.120 .193	•180    •139	.180 .122	.180 .111
	.605157	.180 .091	•^^0 <b>-</b> •069	.300002	.30001C
	.684190	.250 .021	•500 <b>1</b> 39	.430072	.460030
	.724136	• <b>30</b> 0 - • 030	-600176	.500134	.500125
	.763085	.40010+	.650114	.600145	.630120
	.803 .008	.500168	.700020	.650071	.650074
	.842 .104	.600180	.750 .068	.700 .061	-700019
	.921 .171	.650115	.800 .144	.750 .099	.750 -093



.650 .700

.750

.800

.900

-.115

-.039

.057

.126

.195 -191

•921 •961

.171

.144

-206

.209

.800 .900

.950

.061 .099

-164

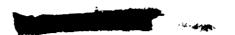
.093

- 197

.750

. 750

.800



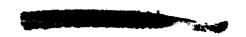
(a) M = 0.70

 $\alpha = -0.04^{\circ}$ ;  $C_{L} = 0.038$ 

	STATION . 149	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731388 .747405 .763445 .778361	X/C CP .223355 .346385 .448348 .467329 .527283 .566217 .605154 .669155 .684193 .724238 .763193 .603159 .882289 .931196	X/C	X/C CP 0.000 1.009 .010334 .030578 .050516 .100495 .180483 .300440 .350427 .400422 .45041 .50041 .550404 .600393 .650366 .760326 .750273 .850119 .950 .059	X/C	X/C CP 0.303

X/C	CP	X/C	CP	X/C	CP	x/c	CP	X/C	CP
.148	173	-005	•605	.005	.579	.005	.495	•005	.368
•222	243	• 02.5	363	• 925	309	.025	289	•025	262
.338	317	• 050	492	.050	455	.050	563	.050	463
.448	374	.100	550	.100	483	•130	469		
.527	400	.120	533	-180	449	.190		.100	399
.605	378	.180	484	.400	436		464	.18C	298
.684	358	.25C	470	.500	406	.300	407	.300	337
. 724	267	.300	477			.400	404	•400	344
.763	183	.400	464	.600	344	- 500	381	.500	328
.803	068			.650	208	.600	293	-600	241
.842	-036	•500	439	. 700	077	• 650	163	-650	153
		•600	369	.750	.037	.70	050	.700	055
21	. 1 25	.650	~.245	.800	.127	.75	•072	-750	.074
761	-140	.700	124	.900	. 226	.830	.147	.800	.178
		. 750	.004	.950	.247				****
		-800	• D88						
		- 900	•200						
		. 95.0	224						





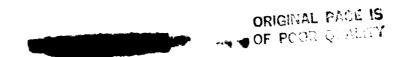
(d) M = 0.70 - Continued

 $\alpha = 1.02^{\circ}$ ;  $C_{L} = 0.155$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	417	.223413	0.000 .971	0.000 .987	0.000 1.004	0.000 .968
.747	402	.346447	.003 .229	.010649	-ClO404	.010211
.763	~.452	.448395	.010810	.030828	.030805	.030689
.778	355	.487360	.020 -1.086	.050744	-050678	.050712
		.527310	.025 -1.200	-103643	.130573	.100486
		.566240	.030 -1.174	-180590	.180546	.180420
		•605173	.050914	.300513	.300503	.300397
		<b>.669166</b>	-100683	.350477	.350471	.350356
		<b>.</b> 684208	.120646	.400464	.400455	.400360
		.724255	.180514	.450453	.450432	.450 362
		.763204	<b>.25049</b> 5	.500448	-500425	.500357
		.803175	.300472	-550431	.550413	.550363
		.882289	.350447	.600417	.600389	.600350
		<b>.961190</b>	-400425	.650389	-650375	.650329
			<b>.450</b> 421	.700339	.700332	.700316
			•500417	.750284	.990 .086	.750319
			<b>-550410</b>	.850122		.850139
			.60C410	.950 .059		.950 .034
			<b>.</b> 650 - <b>.</b> 369			.990 .107
			.700341			
			.800223			
			.900052			
			.950 .045			
			•990 •124			

X/C	CP	X/C	CP	x/C	СР	x/c	C2	X/C	CP
.148	128	• 00 5	.753	•005	.712	.005	.691	. Ĉ05	.505
.222	181	•025	185	.025	089	.025	103	.025	076
.338	272	<b>. 05</b> ა	241	•050	264	.050	347	.050	345
.448	330	.100	419	• 100	34)	-100	315	.100	291
•527	362	.120	367	.180	354	-180	367	.180	242
• 605	347	. 180	379	.400	384	.300	335	.300	280
•684	336	• Z50	-, 354	•500	371	.430	348	.400	307
• 724	257	•300	393	.600	319	.500	339	.500	301
.763	167	.400	405	.650	200	-600	273	.603	222
.803	~.055	. 50 მ	415	.700	068	•650	153	-650	144
.842	.048	•600	344	.750	-045	.733	040	.700	046
.921	.134	•650	229	.800	.141	.750	.079	.750	.081
.961	.148	.700	109	.900	.232	.800	.157	.800	.190
		.750	.015	.950	-251				
		.800	.1 )2						
		.900	.207						
		•950	.236						





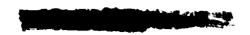
(d) M = 0.70 - Continued

 $\alpha = 1.44^{\circ}$ ;  $C_L = 0.203$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION +913
FUS EL AGF			WING UPPER SURFACE	:	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731429	•223 -•448	J.JOG .941	0.000 .975	0.000 .996	0.000 .969
.747392	.346481	.003 .095	.010792	-010564	.010325
.763447	.448403	.010832	.030958	.030883	.030760
.778359	.487366	.020 -1.316	.050846	.050815	.050793
	.527321	•025 -l•412	.100705	.100654	.100527
	.56624°	.030 -1.443	.180660	-180592	.180464
	-60518U	.050 -1.155	.300527	.300528	-300411
	•669 - <b>-1</b> 76	.100734	.350498	.350491	.350374
	.684 ~.?11	-120708	.400490	.400476	-400380
	.724252	-180574	.450476	.450458	.450374
	.763211	.250524	.500461	.500437	.500370
	.803175	.300492	.550444	.550425	.550371
	.882287	.350473	.600427	-600404	.600 362
	.961188	.400445	.650393	.650379	.650333
		.450436	.700346	.700 335	.700321
		.500432	.750286	.990 .089	.750318
		.550426	.850120		.850142
		.600413	.950 .058		.950 .034
		.650374			.990 .103
		-700348			
		.800221			
		.900046			
		.950 .049			
		.990 .122			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148105	.005 .791	.005 .765	.005 .752	.005 .617
	-222156	.025060	-025009	-025 -009	-025 -008

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	105	- 005	.791	.005	. 765	.005	. 752	.005	-617
.222	156	. 025	060	•025	009	.025	.009	.025	.008
.338	249	.050	214	.050	229	.050	290	-050	312
.448	300	.100	324	.100	291	.100	257	. 100	262
.527	344	.120	329	.180	319	-130	312	-180	212
. 605	335	.180	325	-400	365	-300	306	.300	253
.684	318	.250	356	.503	353	.400	336	.400	294
.724	242	. 300	368	.600	307	-500	327	. 500	285
.763	163	-400	382	.650	193	.600	265	.600	209
. 803	052	-300	391	.700	063	.650	148	.650	136
.842	-0 54	.600	336	.750	.049	. 730	034	.700	043
•921	.142	.650	224	.800	.144	.750	.081	.750	.084
-961	.150	.700	394	.900	. 241	.800	.166	.800	.193
		٠750	.029	.950	.258				
		. 300	-106						
		.900	.222						
		. 95 0	.237						





ORIGINAL PACE IS OF POCE QUALITY

## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(d) M = 0.70 - Continued

 $\alpha = 1.95^{\circ}$ :  $C_L = 0.257$ 

	STATION .148	STATION .402	STATEON .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	ŧ	
X/L CP .731412 .747397 .763452 .778356	X/C	X/C	X/C CP 0.000 .954 .010958 .030 -1.532 .050 -1.026 .100779 .180717 .300569 .400505 .450485 .500 -4.75 .571454 .600433 .050400 .700350 .750291 .850121	X/C CP 0.000 .986 .010655 .030 -1.206 .050949 .100703 .180628 .300558 .350511 .400488 .450465 .500446 .550433 .600410 .650391 .700341 .990 .089	X/C CP 0.000 .957 .010469 .030996 .050939 .100586 .180498 .300443 .350388 .400390 .450385 .500385 .500385 .500385 .500385 .700327 .850327 .850146 .950 .030 .990 .101
	X/C	X/C	X/C	X/C	X/C CP .005 .678 .025 .111 .050191 .100203 .180174 .300234 .400270 .500279 .600202 .650127 .700 .043 .750 .084 .800 .195



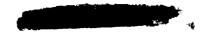


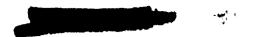
(d) M = 0.70 - Continued

 $\alpha = 2.47^{\circ}; C_{L} = 0.315$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	<b>.</b>	
FUSELAGE  X/L CP .731404 .747407 .763454 .778358	X/C CP .223526 .346534 .448455 .487412 .527352 .566271 .605193 .669189 .684221 .724260 .763208 .803174 .882281 .961174	X/C CP 0.000 .870 .003107 .010 -1.109 .020 -1.513 .025 -1.688 .030 -1.714 .050 -1.678 .100740 .120717 .180629 .250584 .300546 .350509 .400480 .450466 .500455 .550446 .609432 .650386 .700356	X/C CP 0.000 .919 .010 -1.137 .030 -1.457 .050 -1.320 .100764 .180728 .300597 .350556 .400534 .450507 .500489 .550464 .600440 .650403 .700349 .750290 .850119	X/C CP 0.000	X/C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	043	.005	.889	.005	.872	.005	-861	.005	.751
.222	112	. 025	.118	.025	-218	-025	•190	.025	. 187
. 338	196	.050	054	.050	059	.050	099	.050	144
.448	268	.100	225	.100	165	.100	139	.100	158
.527	306	.120	214	.180	218	.180	220	.180	154
.605	298	.180	259	.400	305	.300	252		
.684	295							• 300	220
		.250	279	.500	314	-400	290	-400	253
• 724	222	-300	304	.600	285	.530	297	-500	260
.763	149	.400	331	.650	172	.630	241	.600	196
. 803	034	.500	354	.700	052	.650	132	.650	124
. 842	.065	.600	310	.750	-058	•700	026	.700	037
.921	-147	.650	199	.800	.153	.750	.094	.750	
									.088
.961	- 1 62	.700	085	.900	•247	.800	•172	.800	-196
		.750	.032	.950	<b>-265</b>				_
		.800	.120		. — . •				
		900	210						





#### (d) M = 0.70 - Continued

# $\alpha = 2.94^{\circ}; C_{L} = 0.367$

		STATION .14	8 STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	E	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	-,395	.223581	0.000 .837	0.000 .901	0.000 .952	0.000 .923
.747	393	.346578	.003205	.010 -1.150	.010901	.010617
.763	445	.448478	.010 -1.209	.030 -1.585	.030 -1.549	.030 -1.455
.778	357	.487424	.020 -1.567	.050 -1.525	-050 -1-569	.050 -1.361
		.527359	.025 -1.735	.100 -1.316	.100952	.100629
		.566279		.180742	.180690	.180550
		-605203	.050 -1.829	.300622	.300601	.300496
		.669191	.100 -1.184	.350564	.350552	.350435
		.684225	.120736	.400542	.400516	.400426
		.724260	.180624	.450519	.450493	.450423
		.763214		.500496	.500475	.500409
		.803182		.550470	.550457	.550404
		.882287		.600444	.600421	.600387
		.961175		.650404	.650392	.650359
			.450475	.700351	.700344	.700338
			.500468	.750290	.990 .382	.750335
			.550457	.850120	•	.850150
			.600436	.950 .056		.950 .023
			.650393			.990 .094
			.700359			
			.800218			
			.900049			
			.950 .051			
			.990 .115			

#### WING ! OWER SURFACE

X/C	CP	X/C	SP	X/C	CP	X/C	CP	X/C	CP
.148	022	- 005	.913	.005	.890	.005	.887	.005	. 793
. 222	086	- 02 5	.190	.025	.236	.025	. 247	.025	.213
-338	174	•050	003	.050	-020	.050	043	.050	046
.448	249	.100	183	.100	101	.100	103	.100	122
.527	293	. 120	~.l83	.180	181	. 180	183	.180	124
.605	288	.180	223	.400	289	.300	233	.300	199
.684	284	-250	254	.500	299	.400	267	-400	239
.724	215	.300	278	.600	270	.500	278	.500	251
.763	144	400	313	.650	164	.600	236	.600	~.183
.803	031	.500	335	.700	047	.650	128	.650	115
.842	.073	-600	30 5	.750	.063	.700	023	.700	034
.921	.154	.650	197	.800	-157	.750	.095	. 750	- 092
.961	.163	.700	082	.900	. 253	.800	-170	.800	.201
		.750	.041	.950	. 266				
		. 800	.123						
		.900	.225						
		.950	.240						



POOR QUALITY



(d) M = 0.70 - Continued

a = 3.95°; C<sub>L</sub>= 0.483

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731390	.223642	0.000 .760	0.000 .827	0.000 .910	_
.747390	.346652	.003394	.010 -1.323	.010 -1.103	0.000 .854
.763448	.448514	.010 -1.419	.030 -1.732	.030 -1.715	.010799
.778352	.487458	.020 -1.739	.050 -1.735		.030 -1.605
	.527385	.025 -1.897	.100 -1.565	.050 -1.750 .130 -1.581	.050 -1.697
	.566303	.030 -2.007	.180857	.180840	.100 -1.012
	.605218	.050 -2.049	.300599	.300592	.180560
	.669214	.100 -1.876	.350563	.359547	.300527
	.684235	.120 -1.584	.400541	.400523	.350472
	.724268	.180691	.450526	.450501	.400465
	.763224	.250584	.500505	.500481	.450454
	.803192	.300561	.550470		•500 -•435
	.482277	.350535	.600448	•550 <b>- •464</b>	.550437
	.961162	.400507	.650405	.600431	.600410
	V-02	.450486	.700356	.650405	.650377
		.500478		.700348	.700356
		.550462	.750289 .850122	.990 .078	•750351
		.600438			.850159
		.650392	.950 .054		.950 .014
		.70C358			.990 .089
		-800224			
		.900049			
		.950 .043			
		.990 .114			
		•			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	v./c	W.48
	-148 -025	.005 .964	.005 .944	X/C CP .005 .942	X/C CP
	.222028	.025 .328	.025 .351		.005 .866
	.338137	.050 .138	.050 .114		.025 .324
	.448216	.100078	.100 .004	.050 .094 .100 .002	•050 •035
	.527257	-120082	.180115	.180116	.100027
	.605260	·180 -·145	.400244		-180072
	.68426L	.250191	.500263	.300173 .400228	.300155
	.724197	.300216	.600243	.500242	.400209
	.763123	.400262	.650144	.600206	.500222
	.833018	.500303	.760031	.650109	.600168
	.847 .080	.600271	.750 .080	.700007	.650104 .700026
	.921 .166	.650170	.800 .169	, 750 -107	
	.961 .168	.700069	.900 .264	.800 .182	
	_	.750 .054	.950 .272	-000 1105	<b>.800 .206</b>
		.800 134	1,70 1717		

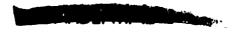




TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(d) M = 0.70 - Concluded

 $\alpha = 4.95^{\circ}; C_{L} = 0.594$ 

		STATIO	N .149	STATION	. 402	STATION	.595	STATION	.775	STATIO	.913
FUS	ELAGE					WING UPPE	R SURFACE	Ε			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP	x/C	CP
. 731	384	.223	724	0.000	-649	0.000	.762	0.000	.846	0.000	.806
.747	380	.346	740	•003 -	564	.010 -	1.499	.010 -	1.243	.010	998
. 763	444	.448	568	.010 -	1.552	.030 -	1.885	.030 -	l.844	.030	-1.768
.778	349	-487	491	.020 -1	.862	.050 -	1.878	.050 -	l.887	.050	-1.806
		.527	409	.025 -	2.006	-100 -	1.727	.100 -	l • 745	.100	-1.637
		.566	318	.030 -	2. 1 20	.180 -	1.668	.150 -1	1.636	-180	642
		. 605	234	.050 -2	2.216	. 300	697	.300 -	637	.300	540
		.669	218	.100 -			576	.350	500		488
		.684	24 l	-120 -2			503		482	.400	483
		• 724	266	·160 -1			492		476	.450	469
		• 763	215	• 250 -			471	.500	460	.500	456
		• <b>8</b> 03	187	.300			441	.550 -	- • 454	•550	452
			269	•350			433		416	.600	427
		.961	154		490		382		39 <u>1</u>	. 650	394
					466		344	.700 -		.700	372
					462		277	.990	.077	. 750	365
					456		118			.850	171
					437	.950	.051			. 950	.008
					3 86					•990	-082
					350						
					213						
					049						
				• 95 0	.042						
				•990	-116						
						WING LOWE	R SURFACI	Ε .			
		X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
		.148	.087	.005	. 986	•005	.979	-005	.972	.005	.899
		.222	.008	.025	.438	.025	.481	.025	.484	.025	.448
		.338	113	.050	.217	.050	. 242	.050	.191	.050	.142
		.448	185	- 100	.000	-100	.086	.130	.076	.100	.023
		.527	225		302	-180	049		.047	.160	025
		.605	231		070		203		• 115	.300	123
		.684	245		125		222		185		176
		.724	177	•300 -	.161	.600 ·	221	.500 -	-209	.500	195
		.763	113	.400 -	- 230	.650	127	.600 -	•191	.600	150
		.803	011	•500 -	. 271	.700	020	.650 -	.096	.650	088
		84.2	703	400 -	262	750	007	700	001	700	- 020



. 750

.800

.900

.950

.087

.178

.269 .279

-.252 -.161

-.053

.065

.140 .242 .256

.600

.650 .700 .750

.800 .900 .950

.093

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.842 .921 .961

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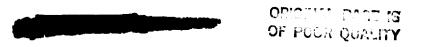


(e) M = 0.75

 $\alpha = -0.07^{\circ}; C_{L} = 0.029$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP .731447 .747439 .763410 .778357	X/C CP .223345 .346406 .448375 .487333 .527278 .566204	X/C CP 0.000 1.018 .003 .496 .010374 .020662 .025780 .030729	X/C CP 0.000 1.015 .010269 .030521 .050506 .100492 .180525	X/C CP 0.000 1.011 .010076 .030478 .050485 .100445 .180466	X/C CP 0.000 .970 .010 .079 .030452 .050572 .100414 .180380
	.605136 .669140 .684196 .724270 .763236 .803182 .882314	.050681 .100548 .120521 .180458 .250435 .300428	.300493 .350460 .400452 .450455 .500442 .550431	.300470 .350445 .400432 .450429 .500415 .550415	.300384 .350347 .400345 .450355 .500347 .550354
	.961194	.400404 .450399 .500402 .550412 .600417	.650392 .700340 .750278 .850108 .950 .075	.650385 .700333 .990 .151	.650322 .700313 .750312 .850124 .950 .050 .990 .123
		.700353 .800224 .900043 .950 .059 .990 .135			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	177	-005	.626	.005	.581	.005	.522	.005	.355
.222	231	.025	424	.025	313	.025	323	-025	304
.338	334	.050	483	.050	536	.050	603	.050	599
.448	405	.100	607	.100	541	.133	526	-100	416
.527	441	.120	551	.180	520	-180	542	.180	348
.605	413	.180	522	.403	483	.300	455	.300	364
.684	343	- 250	520	.500	452	.400	451	.400	378
.724	290	. 300	513	.600	362	. 500	413	.500	364
.763	187	.400	509	.650	219	-600	303	.600	257
.803	069	.560	487	. 700	074	-650	168	.650	162
. 842	-038	.600	389	. 750	.037	-700	043	•700	050
156.	.130	.650	248	. 820	. 130	. 750	. 072	. 750	•076
.961	.150	.700	114	.900	.225	-800	-150	.800	. 181
		.750	.006	. 950	.245				• • • •
		.800	. 092						
		.900	.203						
		.950	.233						



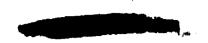
(e) M = 0.75 - Continued

 $\alpha = 0.98^{\circ}; C_{L} = 0.151$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731489 .747433 .763466 .778354	X/C CP .223415 .346486 .448412 .487359 .527303 .566228 .605153 .669160 .684211 .724302 .743239 .803199 .802316 .961189	X/C CP 0.000 .989 .003 .301 .010612 .020 -1.016 .025 -1.139 .030 -1.188 .050 -1.177 .100696 .12C680 .180537 .250512 .300489 .350465 .400449 .450442 .500442 .500442 .500442 .500442 .500442 .500442 .500442 .500442 .500442 .500442 .500442 .500438 .550442 .500438 .550442 .600440 .650398 .700365 .800225 .900038 .950 .062	X/C CP 0.000 1.004 .010554 .030804 .050810 .100669 .180673 .300550 .350502 .400501 .450492 .500465 .550466 .600440 .650406 .700350 .750284 .850103 .950 .074	X/C CP 0.000 1.018 .010331 .030747 .050852 .100628 .180605 .300546 .350497 .400475 .450456 .530447 .550436 .650395 .700344 .990 .129	X/C CP C.000 .976 .010136 .030679 .050836 .100505 .180455 .300430 .379 .400386 .450386 .500371 .650387 .750329 .750329 .750329 .750329 .750328 .850129 .950 .048

X/C	CP	x/C	CP	x/c	CP	X/C	CP	X/C	CP
.146	116	.005	.762	. 005	.700	-005	.678	.305	.549
. 222	173	. 025	186	.025	102	.025	095	.025	096
.338	289	.050	294	.050	330	.050	402	.050	412
.448	349	-100	423	. 100	352	.100	357	.100	319
.527	401	.120	406	.180	411	.183	409	-180	289
.605	393	- 180	408	.400	433	.300	383	.300	312
.684	365	.250	431	.500	426	.420	406	•400	342
.724	265	.300	441	.600	340	.500	381	.500	335
.763	175	.400	456	.650	200	.600	288	.600	232
.003	056	.500	457	.700	066	.650	160	-650	146
.842	.051	. 600	368	.750	.050	. 700	036	.700	043
.921	.141	.650	237	.800	.142	-750	.081	.750	.086
.961	-150	.700	109	.900	.238	-800	59	.800	.191
		. 750	.020	.950	.257		•••		
		- 800	.100						
		-900	.210						





ORIGINAL 18/1 3 13 OF POOR QUALITY

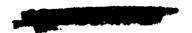
## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(e) M = 0.75 - Continued

 $\alpha = 1.46^{\circ}; C_{L} = 0.208$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSFLAGE			WING UPPER SURFACE	<b>:</b>	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731508	.223470	0.000 .965	0.000 .985	0.000 1.010	0.000 .973
.747427	.346518	.003 .186	.010703	.010421	.010298
.763469	.448428	.010717	.030 -1.066	.030983	.030990
.778353	.487377	.020 -1.106	.050930	.050914	.050905
	.527319	.025 -1.207	.100723	.100665	.100550
	.566239	.030 .1.307	.180726	.180650	.180485
	.605166	-050 -1-246	.300571	.300564	.300450
	.669166	-100687	· .350531	.350518	.350404
	.684220	.120684	.400522	.430495	.400403
	.724297	.180590	.450508	-450480	.450402
	.763251	.250548	.500494	<b>.</b> 500461	.500392
	.803205	.300529	.550477	.550453	.550397
	.002316	.350488	.600457	<b>.6</b> 00 <b>4</b> 27	.600384
	.961188	.400456	.650415	.650401	.650356
		.450454	.700355	.700352	.700336
		.500449	.750289	<b>.</b> 990 <b>.</b> 111	.750336
		•550 -•454	.850113		.450135
		.600447	.950 .069		.950 .042
		.650409			.990 .115
		.700369 .800227			
		.800227 .900032			
		.950 .055			
		.990 .130			
			WING LOWER SURFACE		
	X/C CP	X/C CF	X/C CP	X/C CP	X/C CP
	.148085	.005 .821	.005 .782	.005 .742	.005 .625
	.222154	.0?5061	.075 .016	.025019	.025 .041
	.338254	.050209	.050 ~.224	.050307	.050271
	.448334	.100375	.100310	-100295	-100282
	.527378	.120370	.180342	.180356	.180241
	.605364	-180368	-400406	.300350	.300296
	.684347	_250386	.500394	.400375	.400322
	.724258	.300414	.600330	.500370	.500310
	.763170 .803058	.400425	-650198	-600277	≈ 00 <b>223</b>
	.803058 .842 .053	.500436 .600360	.700063	.650152	.650141
	.921 .144	.650232	.750 .052 .800 .146	.700034	.700040
	.961 .154	.700104	.900 .243	.750 .088	.750 .088
		1100 -1104	1700 .673	.800 .164	.800 .196

. 261



(e) M = 0.75 - Continued

 $\alpha = 1.94^{\circ}; C_{L} = 0.264$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731460 .747426 .763462 .77835?	X/C CP .223404 .346595 .448460 .487403 .527334 .566248 .609172 .669171 .684223 .724303 .763252 .803201 .882307 .961182	X/C CP 0.000 .950 .003 .125 .010793 .020 -1.188 .025 -1.335 .030 -1.415 .050 -1.347 .100 -1.106 .120 -1.084 .180569 .250538 .350538 .350504 .400478 .450465 .500463 .550467 .600456 .650468 .700370 .800226 .900038 .950 .057	X/C	X/C	X/C CP 0.000 .969 .010327 .030 -1.060 .050 -1.055 .100629 .180512 .300483 .350433 .400420 .450411 .500409 .550409 .550363 .700342 .750338 .850136 .990 .110

X/C	CP								
	-	X/C	CP	X/C	СP	X/C	CP	X/C	CP
. 148	040	• 005	. 564	.005	.811	.005	.821	.005	.669
. 222	132	. 025	. 211	.025	.059	.025	.091	.025	.053
.338	244	.050	150	- 050	175	-050	225	.050	228
.448	311	-100	307	-100	~.238	-100	231	.100	220
.527	357	.120	304	.180	303	-180	313	.180	207
. 605	359	-180	323	.400	376	. 300	319	.300	268
.684	339	-250	349	. 500	380	.430	351	.400	301
.724	253	-300	368	- 600	322	.500	343	. 500	302
.763	- <b>.</b> 165	•400	391	.650	197	.600	267	-500	219
.003	046	<b>.</b> 500	419	.700	058	.650	146	.650	138
<b>. 8</b> 42	-064	-600	346	. 750	. 057	. > 00	027	.700	038
.921	<b>.</b> 1 52	-650	-,224	-800	.155	- 750	.092	.750	.091
.961	.157	- 700	096	. 900	.248	.800	. 169	. 800	-202
		.750	.033	. 950	. 263			3000	
		. 800	.111						
		-900	.224						





(e) M = 0.75 - Continued

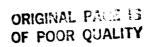
 $\alpha = 2.50^{\circ}; C_{L} = 0.329$ 

	STATION .148	STATION .407	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP .731481 .747434 .763463 .778353	X/C CP .223537 .346632 .448484 .487422 .527348 .566258 .605179 .669178 .684276 .724306 .763248 .803205 .802307 .961179	X/C CP 0.000 .928 .003 .347 .010924 .020 -1237 .025 -1451 .030 -1495 .050 -1520 .100 -1.173 .180915 .250940 .300531 .350498 .400478 .450468 .500462 .553466 .600461 .653467 .700371 .803224 .900034 .950 .061	X/C CP 0.000 .959 .010865 .030 -1.264 .050 -1.197 .100 -1.101 .180 -1.093 .300552 .350518 .400526 .450521 .500482 .600457 .650418 .700359 .750289 .850107 .950 .067	X/C CP 0.030 1.003 .010611 .030 -1.256 .050 -1.269 .100 -1.134 .160 -1.041 .300557 .350540 .400514 .450497 .500480 .550460 .600432 .650404 .700348 .990 .098	X/C CP 0.000 .953 .310419 .030 -1.167 .050 -1.20? .100 -1.091 .180495 .300496 .350442 .400437 .450424 .500424 .500425 .600404 .650370 .700355 .750344 .850139 .950 .037

WING	ALI	 	 • •	-

X/C -148 -222 -339 -448 -527 -405	CP 040 111 214 282 341 327	X/C •005 •025 •050 •100 •120	CP .878 .083 060 254 232	X/C .005 .025 .050 .100 .180	CP .859 .151 069 190 257	x/C -005 -025 -050 -100 -180 -300	CP •879 •156 ••132 ••172 ••249 ••282	X/C •005 •025 •050 •100 •180	CP -730 -147 165 173 174
.763 .803 .842 .921 .961	158 037 .072 .149 .158	.400 .500 .600 .650 .750 .750 .800 .900	373 395 340 216 087 -036 -117 -230 -249	.653 .700 .750 .800 .900 .950	**.181 0>0 -068 -161 -253 -270	.600 .650 .700 .750 .800	260 138 024 .099 .177	.500 .600 .650 -700 .750 .800	277 207 128 035 .096 .204





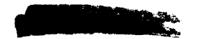


(e) M = 0.75 - Continued

 $\alpha = 3.97^{\circ}; C_{L} = 0.513$ 

	STATION .146	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE	E	
N/L CP •731 -•471 •747 -•413 •743 -•457 •776 -•340	X/C CP .223640 .346821 .448590 .487477 .527390 .546292 .605212 .669201 .604241 .724313 .763260 .803213 .882296 .961155	X/C CP 0.300 .828 .003211 .010 -1.151 .023 -1.459 .025 -1.606 .030 -1.777 .100 -1.667 .120 -1.629 .180 -1.209 .250 -1.110 .300656 .350500 .400456 .450447 .500442 .550443 .600456 .650395 .700362 .800219 .900038 .950 .060	X/C CP 0.000 .895 .013 -1.086 .030 -1.443 .050 -1.443 .100 -1.358 .300 -1.315 .350716 .400566 .450460 .500418 .550407 .600393 .650347 .700307 .750263 .850099 .950 .070	X/C CP 0.000 .957 .010835 .030 -1.427 .050 -1.477 .100 -1.355 .180 -1.313 .300 -1.167 .350635 .400502 .450408 .500308 .500379 .600379 .600379 .600359 .700321 .990 .098	x/C

X/C	CP	X/C	CP	~ 15	co	w 46			
			-	X/C	CP	X/C	CP	X/C	CP
.148	• 036	•005	<b>.</b> 965	.005	.933	.005	. 936	.005	.838
•222	033	.025	. 314	. 025	.355	.025	. 340	.025	•306
.338	137	.050	.109	.050	.106	.050	,053	.050	
.448	220								004
		.100	095	.100	039	-100	024	.100	079
.527	276	. 120	1 02	.180	134	. 180	144	- 180	096
.605	287	. 180	161	-400	277	- 300	192	.300	185
. 684	285	.250	214	.500	295	.400	256	.400	235
.724	205	-300	245	-600	267	.500			
							275	.500	243
. 763	129	-400	- • 2 97	-650	153	-600	230	-600	178
.003	024	-500	328	.700	029	.650	112	.650	107
. 842	• 085	.600	297	.750	.081	- 700	005	.700	021
.721	.165	.650	188	. 800		-			
	_	_			.176	•750	- 112	.750	.104
. 96 1	. 1 70	<b>.</b> 700	069	• 900	.267	.800	.187	.800	.213
		. 750	. 358	.950	. 285			*****	
		. 300	.138	-					
		-920	. 244						
		. 95 ^	246						



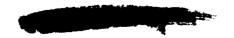


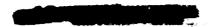
(e) M = 0.75 - Continued

 $\alpha = 4.98^{\circ}; C_{L} = 0.615$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	Ē	
X/L CP .731472 .747415 .763447 .778347	X/C CP .223693 .346878 .448638 .487508 .527411 .566310 .405225	x/C CP 0.000 .731 .003369 .010 -1.282 .020 -1.563 .025 -1.691 .030 -1.796 .050 -1.876	X/C CP 0.000 .838 .010 -1.178 .030 -1.564 .050 -1.559 .100 -1.465 .180 -1.474 .300877	X/C CP 0.000 .907 .010963 .030 -1.528 .050 -1.586 .100 -1.468 .180 -1.453 .390 -1.090	X/C CP 0.000 .847 .010 ~.743 .030 ~1.481 .050 ~1.555 .100 ~1.462 .180 ~1.326 .300 ~.669
	.669207 .684246 .724285 .763248 .803211 .882277 .961148	.100 -1.813 .120 -1.793 .180 -1.716 .250 -1.261 .300877 .350648 .400476	.350800 .400772 .450721 .500642 .550529 .600440 .650334	.350802 .430718 .450627 .500518 .550436 .600336	.350483 .400449 .450443 .500442 .550441 .600429
		.450406 .500412 .550413 .600411 .650374 .700339 .800208 .900235 .950 .054	.700259 .750193 .850086 .950016	.700261 .990 .073	.700378 .750372 .850168 .950 .014 .990 .093

X/C	CP	X/C	C.P.	x/c	CP	x/C	CP	X/C	CP
.148	.088	_	_		-		-		-
		- 005	.993	. 005	•976	- 005	.968	.005	.882
•555	.019	.025	.420	•025	• <del>4</del> 26	.025	.440	.025	.393
.338	106	.050	.205	.050	•200	.050	.136	.050	.092
• 448	182	.100	~.014	.100	-054	.100	.053	.100	006
.527	243	.120	030	.180	073	.18)	082	.180	062
.605	~.255	.180	098	• 400	235	.300	154	. 300	154
-684	270	.250	152	.500	264	.4 00	224	.400	210
.724	197	. 300	194	.600	259	-500	253	.500	224
. 763	118	.400	259	.650	154	•630	229	.600	171
.803	011	.500	304	.700	039	.650	111	.650	103
.842	•094	.600	283	.750	.077	.700	~.009	.700	022
•921	.175	.650	171	.800	.168	.750	.111	.750	-109
. 961	.178	. 700	~.059	.900	.259	.8.0	-190	.800	.217
		.750	.066	.950	.263				
		.800	.145						
		.900	.250						





## (e) M = 0.75 - Concluded

 $\alpha = 2.46^{\circ}; C_{L} = 0.324$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELACE			MING UPPER SURFACE	•	
X/L CP .731502 .747414 .763467 .778355	X/C CP •223 -•526 •346 -•624 •448 -•471 •487 -•420 •527 -•347 •566 -•258 •605 -•182 •669 -•175 •684 -•231 •724 -•303 •763 -•248 •803 -•203 •882 -•302 •961 -•176	X/C CP 0.000 .905 .003 .043 .010913 .020 -1.272 .025 -1.417 .030 -1.488 .050 -1.513 .100 -1.202 .120 -1.159 .180764 .250550 .300591 .350509 .400483 .450465 .500466 .550469 .600462 .650468 .700374 .800226 .900038 .950 .062 .990 .126	X/C CP 0.000 .954 .010869 .030 -1.248 .050 -1.227 .100 -1.370 .180 -1.099 .301581 .350527 .400532 .450522 .500495 .550481 .600461 .650316 .700356 .750285 .850105 .950 .370	X/C	X/C CP 0.000 .947 .010429 .030 -1.169 .050 -1.202 .100926 .180489 .300492 .350444 .400440 .450418 .550418 .550418 .600407 .650369 .700350 .750346 .850162 .950 .038 .990 .106

						-			
X/C	CP	X/C	CP	x/C	CP	X/C	СР	X/C	CP
.148	043	.005	.900	.005	.853	-005	.849		
.222	100	. 025	•090	.025				-005	•737
. 3 38	222				.160	•025	•157	•025	. 147
		• 05 0	077	-0 50	096	•050	144	.050	162
.448	281	.100	248	• 100	182	.100	174	.100	184
.527	341	-120	259	.183	264	-180	276	-180	
. 605	-,335	.180	3 04	•400	357				190
.684	333	. 250				•300	296	-300	244
	• •		310	.500	349	.400	334	-400	286
. 724	244	• 300	339	•600	313	.500	327	.500	280
. 763	152	-400	383	-650	185	.630	267	.600	213
. 803	041	.500	400	.700	047	-650			
. 842	.067	.600	342				140	-650	133
				. 750	.361	.700	027	-700	034
.971	-152	-650	218	.800	.157	•750	.096	.750	.092
.961	-155	.700	091	.900	.251	.830	.173	.800	. 202
		.750	.033	9 50	.265		• • • •	****	• 20 2
		.830		.,,,,	• 2 0 7				
			-115						
		-900	. 223						



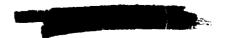


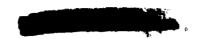
(f) M = 0.775

 $\alpha = -0.02^{\circ}; C_{L} = 0.030$ 

		STATION	-148	STATIO	.402	STATIO	N .595	STATIO	N .775	STATIO	N .913
FUS	ELAGE					WING UPP	ER SURFACE	·			
X/L	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP	x/C	CP
. 731	501	. 223 -	.342	0.000	1.027	0.000	1.027	0.000	1.021	0.000	.979
. 747	-,463	. 346 -	. 428	.003	.475	.010	229	.010	095	-910	-038
. 763	477	.448 -	.371	.010	~.328	-030	530	.030	457	.030	490
.778	346	.487 -	328	-020	641	.050	577	.050	522	-050	644
		.527 -	2 74	. 025	846	.100	510	. 100	477	-100	433
		-566 -	194	.030	822	.180	581	.180	500	-180	408
		-605 -	123	.050	731	. 300	498	.300	513	. 300	393
		.669 -	134	.100	585	.350	469	.350	478	.350	~.357
		.684 -	196	. 120	6ll	-400	478	.400	471	.400	~. 36 2
		.724 -	.301	.180	478	.450	473	.450	454	.450	365
		.763 -	.254	.250	451	.500	461	.500	437	.500	354
		.803 -	- 206	.300	446	. 550	457	.550	437	• 550	368
		.882 -	332	.350	430	.600	442	.600	417	-630	360
		.961 -	195	. 400	413	.650	405	.650	394	•650	331
				.450	407	.700	348	.700	339	. 700	319
				.500	422	. 750	279	.990	•102	.750	320
				.550	441	-850	101			.850	124
				. 600	450	.950	-0B0			.950	.054
				.650	411					.990	.127
				.700	378						
				.800	224						
				.900	035						
				.950	.067						
				-990	.138						

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
. 148	162	.005	.654	-005	.625	.005	.522	-005	-412
.222	214	.025	357	.025	321	.025	268	•025	246
. 338	348	.050	514	.050	532	.050	649	-050	596
.448	409	. 100	631	.100	534	.100	556	.100	446
.527	483	.120	537	.180	552	. 180	592	-180	384
. 605	442	.180	531	.400	544	-300	487	-300	379
.684	409	.250	555	-500	483	-400	483	-400	414
.724	294	.300	549	-600	362	.500	434	. 500	385
. 763	188	•400	537	-650	212	.600	306	.600	260
.803	063	• 500	533	.700	074	.650	166	.650	165
. 842	.038	.690	391	.750	.043	.730	038	.700	050
.921	.132	•650	244	.800	.131	.750	.079	.750	-080
.961	- 150	.700	107	.900	.227	.800	. 155	.800	.183
		.750	.012	-950	.249				
		.800	•390						
		- 900	.199						
		- 950	.233						





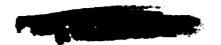
### (f) M = 0.775 - Continued

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 $\alpha = 0.94^{\circ}; C_{L} = 0.146$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAG	•		WING UPPER SURFACE	<b>!</b>	
X/L C		X/C CP	X/C CP	X/C CP	X/C CP
.7315	- + · · · -	0.000 l.006	0.000 1.023	0.000 1.027	0.000 .985
.74749		.003 .331	.010514	.010 ~.280	.010115
.7634		.010527	.030848	.030748	.030702
.77834	·6 .487370	.020912	.050776	.050827	.050815
	.527302	.025 -1.044	·100647	-100605	.100505
	.566217	.030 -1.144	.180734	.180710	.180479
	.605143	.050 -1.139	.300576	.300599	.300448
	<b>.66915</b> 2	.100721	.350529	.350522	.350410
	.684212	.120669	•400 <b>-</b> •518	.400496	.400394
	.724317	.180560	.450509	.450479	.450397
	.76?287	-250528	.500499	.500468	.500395
	-803209	.300509	.550 ~.485	.550459	.550396
	<b>.882325</b>	.350479	.600462	.600432	.600 ~.385
	.961187	.400447	.650413	.650401	<b>.650353</b>
		.450444	.700350	.700347	.700336
	•	.500447	.750283	.990 .102	.750328
		.550459	.850097		.850124
		.600477	.950 .081		.950 .055
		.650425			.990 .122
		.700389			
		.800227			
		.900035			
		.950 .067			
		.990 .135			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	113	• 005	.765	-005	.724	.035	.697	.005	.549
• 555	170	.025	166	.025	082	.025	092	.025	095
.338	281	• 35 0	305	.050	312	. 05 0	406	.050	419
.448	370	. 100	45l	-100	371	.100	380	.100	347
.527	430	.120	426	.180	411	.180	447	.180	303
.605	410	.180	418	.400	474	. 300	404	.300	335
.6i. t	384	.250	452	. 500	444	.400	436	-400	367
.724	273	.300	473	.600	351	.500	410	.500	350
. 763	172	.400	~.499	.650	204	.600	300	.600	242
.803	057	.500	505	.700	062	.650	160	.650	152
.842	.054	.600	381	.750	.050	.700	035	.700	039
.921	.147	.650	238	.800	-142	.750	-085	. 750	.086
.961	.155	. 700	101	-900	.242	.80G	-163	.800	.192
		. 750	.027	. 950	. 259				
		.800	·1 05						
		.900	.217						
		. 95 0	.243						

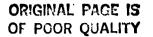


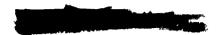
## (f) M = 0.775 - Continued

 $\alpha = 1.43^{\circ}; C_{L} = 0.204$ 

		STATIO	N -148	STAT 10	N -402	STATIO	IN .595	STATE	N .775	STATIO	N .913
FUS	EL AGE					WING UPP	ER SURFACI	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.731	55L	.223	469	0.000	-989	0.000	1.013	0.000	1.022	0.000	.987
. 747	444	.346	569	-003	.241	.010	570	.010	373	-010	183
. 763	~.475	.448	442	-010	628	.030	~.980	- 0 30	~.866	.030	904
. 778	350	. 497	381	• 02 0	990	.050	913	- 05 0	857	.050	852
		.527	316	- 02 5	-1.134	-100	859	-100	749	.100	847
		.566	-, 229	.030	-1.210	.180	792	.180	745	-180	494
		.605	151	. 050	-1.200	.300	638	.300	587	.300	478
		.669	153	.100	926	.350	538	-350	540	.350	418
		-684	217	.120	857	.400	535	.400	510	.400	416
		•724	339	.180	672	.450	529	.450	494	. 450	422
		. 763	297	<b>.</b> 250	539	•500	512	.500	475	.500	404
		.803	232	-300	520	- 550	495	. 550	464	.550	412
		.882	329	.350	488	.600	464	.600	-, 435	.600	391
		.961	180	.400	463	.650	420	.650	405	.650	369
				.450	458	.700	353	.700	349	.700	345
				. 500	465	.750	285	.990	.100	. 750	344
				-550	477	.850	102			.850	130
				-600	490	.950	•077			.950	- 052
				.650	433					.990	.120
				.700	3 86						
				.800	224						
				<b>. 9</b> 00	033						
				. 950	.063						
				.990	.134						

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	088	-005	.805	- 005	.748	.005	.729	.005	. 585
.222	157	.025	367	.025	034	.025	008	.025	028
.338	253	- 050	231	.050	242	.050	361	.050	319
. 448	347	.100	407	. 100	316	.100	328	.100	300
.527	411	-120	375	.180	359	.180	393	.180	266
.605	395	. 180	379	-400	442	-300	375	.300	318
.684	365	.250	404	.500	431	-400	403	-400	341
.724	268	.300	447	-600	343	•500	400	.500	339
.763	-,174	•400	465	.650	199	.608	295	.600	232
.803	047	•500	- • 4 73	.700	066	-650	157	.650	147
. 842	• u58	• 600	377	.750	.056	. 700	029	.700	043
.921	-146	.650	235	-800	.146	.750	.087	.750	.091
.961	.157	.700	097	.900	-245	-800	.164	-800	.195
		. 750	.029	•950	.261				





(f) M = 0.775 - Continued

 $\alpha = 1.97^{\circ}; C_{L} = 0.272$ 

ŧ	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	E	
FUSELAGE  X/L CP  .731548  .747454  .763475  .778350	X/C	X/C CP 0.000 .970 .003 .174 .010744 .020 -1.394 .025 -1.236 .030 -1.310 .050 -1.321 .100 -1.062 .120 -1.042 .180926 .250533 .300496 .350492 .400461 .450456 .500470 .550470	X/C CP 0.000 .993 .010656 .030 -1.084 .050 -1.039 .100898 .180986 .300831 .350510 .400505 .450511 .500510 .550489 .600461 .650420 .700355 .750282	X/C CP 0.000 1.020 .010461 .030 -1.091 .050 -1.080 .100878 .180869 .3007/3 .350478 .400482 .550482 .550404 .500408 .650404 .700344 .990 .099	X/C CP 0.000 .973 .010249 .030 -1.006 .050 -1.022 .100943 .180476 .300496 .350441 .400427 .500415 .550415 .600403 .650341 .700349 .750340 .850340
		.600486 .650427 .700391 .800225 .900034 .950 .067	.950 <b>.</b> 079		.950 .050 .990 .118

						-			
x/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	055	. 005	-850	.005	.814	.005	.777	-005	.671
.222	121	• 025	.014	.025	. 343	. 025	. 084	.025	.033
.338	235	.050	125	.050	175	-050	200	.050	248
.448	318	-100	324	.100	253	-100	245	.100	252
.527	387	.120	317	.180	329	- 180	338	-180	233
.605	371	.180	348	.400	400	.300	355	. 300	285
.684	357	• 250	359	.500	~.405	.400	374	-400	319
.724	258	. 300	400	.600	337	. 500	369	.500	319
.763	160	-400	422	.650	195	.600	282	-600	229
.803	035	.500	445	. 700	054	.650	148	.650	140
. 842	.068	-600	363	.750	.064	.700	028	.700	037
.921	.152	. 650	221	.800	. 157	. 750	. 095	.750	.096
.961	.162	. 700	389	-900	.251	.800	•172	.800	- 201
		. 750	.040	.950	.266				
		.800	.118						
		• 900	.229						





# ORIGINAL PAGE IS OF POOR QUALITY

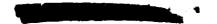
## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

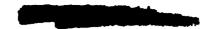
(f) M = 0.775 - Continued

 $\alpha = 2.49^{\circ}; C_{L} = 0.339$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	•	
X/L .731 .747 .763	ELAGE CP \$68 439 474 345	X/C CP .223532 .346690 .448510 .487421 .527343 .566250 .605171 .669173 .684230 .724335 .763285 .803227 .882323 .961170	X/C CP 0,000 .935 .003 .113 .010837 .020 -1.162 .025 -1.323 .030 -1.412 .050 -1.450 .100 -1.338 .120 -1.081 .180989 .250957 .300517 .350467 .400459 .450444 .500455 .550464 .600479 .650429	X/C CP 0.000 .975 .010755 .030 -1.161 .050 -1.140 .100 -1.059 .180 -1.041 .300 -1.078 .350571 .400469 .450460 .500464 .550452 .600453 .650408 .700341 .750274 .850098	X/C CP 0.000 1.008 .010529 .030 -1.152 .050 -1.163 .100 -1.023 .180 -1.014 .300 -1.035 .350765 .400422 .450421 .500423 .550443 .600421 .650340 .990 .101	X/C CP 0.000 .964 .010355 .030 -1.096 .050 -1.144 .100 -1.050 .180898 .300486 .350434 .400433 .450430 .500425 .550430 .600410 .650376 .700357 .750348 .850135 .950 .043
			.700383 .800223 .900035 .950 .063 .990 .133			

X/C	CP	X/C	CP	x/c	CP	x/c	CP	x/C	CP
. L48	035	.005	.898	.005	.868	.005	.839	-005	.718
.222	098	- 02 5	.077	.025	.145	.025	-147	.025	.145
.338	211	. 050	069	.050	096	.050	148	.050	181
.448	293	- 100	267	.100	187	-100	193	-100	200
. 527	358	.120	253	.180	261	- 180	28 8	-180	202
.605	340	-180	292	.400	370	.300	310	-300	262
.684	334	-250	331	. 500	374	.400	354	. 400	297
.724	244	-300	340	.600	320	.500	347	-500	299
.763	159	- 400	402	.650	182	.600	274	.600	216
.803	037	-500	432	.700	047	.650	142	.650	132
.842	.071	.600	352	.750	.071	.700	021	.700	035
.921	. 159	•650	218	.800	.163	.750	.098	. 750	.098
. 961	.168	.700	086	.900	. 257	.800	.178	.800	. 207
		.750	-040	.950	. 276		••••		••••
		. 800	.125	• • • •					
		-900	.232						
		.950	.253						





(f) M = 0.775 - Continued

(

 $\alpha = 2.94^{\circ}; C_{L} = 0.396$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	!	
X/L CP .731525 .747448 .763470 .778340	X/C CP .223553 .346729 .448568 .487452 .527356 .566262 .605181 .669180 .684234 .724342 .763296 .803236 .802314 .961163	X/C CP 0.000 .910 .003 .035 .010881 .020 -1.217 .025 -1.381 .030 .1.480 .050 -1.497 .100 -1.372 .120 -1.357 .180 -1.043 .250 -1.020 .300828 .350504 .400442 .450437 .500444 .550462 .600465 .650418 .700379 .800220 .900032 .950 .069 .990 .131	X/C CP 0.000 .953 .010809 .030 -1.234 .050 -1.207 .100 -1.108 .180 -1.145 .300 -1.156 .350 -1.033 .400526 .450447 .500418 .550400 .600401 .650380 .700325 .750269 .850098 .950 .078	X/C CP 0.000 .997 .010596 .030 -1.193 .050 -1.239 .100 -1.118 .180 -1.111 .300 -1.111 .350 -1.002 .400513 .450402 .500378 .550387 .600385 .650372 .700327 .990 .102	X/C CP 0.000 .950 .010380 .030 -1.137 .050 -1.230 .100 -1.117 .180 -1.051 .300512 .350445 .450433 .500425 .550431 .600414 .650381 .700380 .750354 .850139 .950 .041

X/C CF .14801 .22207 .33819 .44827 .52733 .60533 .68433 .72424 .76314 .80303 .842 .07 .921 .15	4 .005 4 .025 8 .050 8 .100 7 .180 8 .250 2 .300 8 .400 4 .500 9 .650	.915 .153 030 222 209 254 311 323 374 415	X/C -005 -025 -050 -100 -180 -400 -500 -650 -703 -750 -800 -900 -950	CP .878 .188 005 137 232 357 363 315 176 041 .073 .171 .264 .282	X/C .005 .025 .050 .100 .180 .400 .500 .650 .700 .750 .830	CP .863 .214 090 140 242 275 335 335 264 138 014 .106 .183	X/C .005 .025 .050 .100 .180 .300 .500 .600 .650 .750	CP .751 .154 134 150 178 241 290 293 214 126 029 .099 .213
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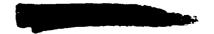


(f) M = 0.775 - Continued

 $\alpha = 3.93^{\circ}; C_{L} = 0.524$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATIO: •913
FUS EL 4	GE			WING UPPER SURFACE		
.731 .747 .763	CP .576 .447 .462 .333	X/C CP .223604 .346811 .448700 .487534 .52408 .566302 .605213 .669197 .684244 .724330 .763289 .803229 .802298 .961152	X/C CP 0.000 .846 .003132 .010 -1.038 .020 -1.341 .025 -1.460 .030 -1.589 .050 -1.657 .100 -1.564 .120 -1.562 .250 -1.108 .300 -1.123 .350855 .400 -546 .450433 .500422 .550427 .600392 .700 -338 .800208 .900030 .950 .066 .990 .136	X/C CP 0.000 .912 .010935 .030 -1.356 .050 -1.343 .100 -1.251 .180 -1.262 .300 -1.303 .350 -1.296 .400913 .450670 .503575 .550479 .600383 .650311 .703257 .750199 .853072	X/C CP 0.000 .966 .010741 .030 -1.309 .050 -1.370 .100 -1.236 .180 -1.237 .300 -1.269 .350 -1.256 .400910 .450625 .500521 .550521 .550324 .700272 .990 .094	X/C CP 0.000 .910 .010499 .030 -1.271 .050 -1.344 .100 -1.259 .180 -1.162 .300963 .350669 .400444 .450428 .500422 .600429 .650384 .700365 .750360 .850149 .950 .030 .990 .105
				WING LOWER SURFACE		

X/C	CP	X/C	CP	X/C	CP	X/C	CP	v 10	ca
-		-	-	_				X/C	CP
.148	.046	. 005	.961	. 0 05	.937	.005	.912	.005	-021
-222	025	.025	.303	.025	.307	.025	.325	.025	.265
.330	149	.050	. 395	.050	.107	.050	-019	.050	004
.448	234	. 100	112	-100	037	- 100	046	. 100	082
.527	290	.120	139	.180	148	-180	178	.180	126
.605	303	-180	174	.400	2 93	.300	223	.300	207
.684	308	.250	227	.500	318	.400	284	. 400	256
.724	276	. 300	26+	.600	-, 286	-500	~.306	.500	266
. 763	136	•400	325	.650	165	. 600	244	.600	194
.803	020	.500	36 1	.700	033	.650	123	.650	120
.842	.0 56	.600	319	. 750	.083	.700	011	- 700	028
.921	. 169	.650	110	.800	. 178	.750	.109	.750	.107
.961	.177	. 700	073	.900	. 269	.800	-186	.800	.216
		. 750	.058	.950	.284				••••
		.800	.139						
		.900	.244						





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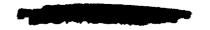
## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

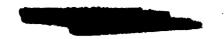
(f) M = 0.775 - Concluded

 $\alpha = 4.95^{\circ}; C_{L} = 0.586$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	ŧ	
FUSELAGE  X/L CP .731532 .747431 .763463 .778347	X/C CP .223680 .346842 .448859 .487543 .527420 .564314 .605225 .669211 .684244 .724313 .763276 .803237 .882303 .961158	X/C CP 0-000 -794 -003 -263 -010 -1.146 -020 -1.435 -025 -1.548 -030 -1.664 -050 -1.752 -100 -1.661 -180 -1.668 -250 -1.202 -300 -1.000 -350790 -400607 -450486 -500433 -550423 -650396	X/C CP 0.000 .878 .010 -1.055 .030 -1.419 .050 -1.420 .100 -1.351 .180 -1.365 .300337 .350753 .400722 .450682 .500630 .550566 .600501 .650418 .700346 .750293 .850190 .950093	X/C CP 0.000 .940 .010846 .030 -1.410 .050 -1.441 .100 -1.329 .300 -1.053 .350777 .400684 .450635 .500588 .550524 .400439 .650370 .730299 .990048	X/C CP 0.000 .884 .010610 .030 -1.341 .050 -1.417 .100 -1.359 .180 -1.234 .300996 .350618 .400455 .450417 .500415 .550430 .600419 .650375 .750376 .850168
		.700361 .800231 .900072 .950 .018 .990 .087			.990 .093

X/C	CP	X/C	CP	X/C	CP	X/C	CP.	X/C	C#
.: 48	.085	.005	.991	.005	.961	-005	.954	-005	. 854
. 222	-010	.025	.392	-025	-403	.025	.405	.025	. 339
. 330	108	.050	-183	.050	.165	.050	. 1.25	.050	.050
.448	194	.100	028	-100	.023	-100	.014	- 100	046
.527	264	. 120	057	.180	096	.180	126	-180	090
. 605	290	-160	118	.400	273	- 300	194	-300	190
.484	294	.250	175	.500	320	-400	269	-400	249
.724	216	.300	222	-600	308	.500	303	- 500	269
.763	133	-400	287	-650	197	.600	264	-500	201
. 803	017	. 500	345	.700	067	.650	150	.650	129
. 842	.089	.600	320	. 750	. 042	.730	036	.700	038
.921	-172	-650	203	-800	.142	.750	.082	.750	.092
.961	. 176	. 700	081	.900	. 219	. 800	.157	.800	.207
		.750	.045	.950	.229				
		.800	. 126						
		. 900	.229						



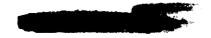


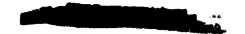
(g) M = 0.80

 $\alpha = -0.04^{\circ}$ ;  $C_{L} = 0.017$ 

F110 F1 AGE	STATEON .148	STATION .402	STATION .595	STATION .775	STATEON .913
FUSELAGE			HING UPPER SURFACE		
X/L CP •731953 •747559 •763473 •776334	X/C CP .223352 .346452 .448382 .487333 .527266 .566181 .605110 .684179 .724335 .763382 .803310 .882349 .961180	X/C CP 0.000 1.030 .003 .518 .010331 .020620 .025747 .030844 .050759 .100589 .120599 .180483 .250458 .300440 .350429 .400413 .500420 .550460 .600509 .650509 .650477 .700413 .800224 .900026 .950 .075	X/C CP 0.000 1.033 .010 -232 .030 -544 .052 -552 .100 -545 .180 -581 .300 -563 .350 -569 .400 -501 .450 -502 .550 -501 .600 -425 .700 -349 .750 -275 .850 -088 .950 .093	X/C CP 0.000 1.023 .010038 .030451 .050501 .100462 .180542 .300581 .350484 .400478 .450481 .500466 .550462 .600440 .700340 .990 .100	X/C CP 0.000 .977 .010 .088 .030446 .050688 .106470 .180430 .300432 .350377 .400385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385 .550385

X/G -148 -22-338 -448 -527 -405 -684 -763 -842 -961	CP 150 224 340 438 555 490 432 292 185 062 339 131	X/C -005 -025 -050 -100 -120 -180 -250 -400 -650 -700 -750 -900 -950	CP .685 349 445 603 511 588 610 680 580 372 226 094 .016 .191	X/C .005 .025 .050 .190 .180 .400 .500 .600 .650 .750 .750 .800 .900	CP .615 264 521 599 542 659 494 352 199 061 .044 .127 .221	X/C .005 .025 .050 .100 .160 .300 .400 .500 .600 .750 .800	CP -551 278 643 593 556 307 466 303 159 031 .077 .151	X/C -005 -025 -050 -100 -160 -300 -400 -500 -603 -650 -750 -800	CP -408 -262 -633 -477 -435 -423 -449 -411 -268 -164 -045 .083 .180
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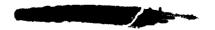


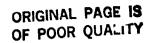
(g) M = 0.80 - Continued

 $\alpha = 1.00^{\circ}; C_{L} = 0.150$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SIRFAC		
X/L CP .731551 .747694 .763457 .778329	X/C CP .223418 .346574 .448433 .487368 .527294 .566203 .605123 .609124 .684193 .724333 .724333 .703363 .803361 .961172	X/C CP 0.000 1.009 .003 .350 .010486 .020847 .025966 .030 -1.035 .050 -1.045 .100815 .120850 .180721 .250555 .300492 .350464 .400442 .500452 .550470 .600528 .650496 .700428 .800219 .900024 .950 .072	X/C CP 0.000	X/C CP 0.000 1.034 .010241 .030734 .050758 .100597 .180699 .300764 .350669 .400471 .450432 .500455 .550458 .600415 .700341 .990 .106	X/C CP 0.000 .987 -010073 -030721 -050747 -100797 -180492 -300525 -350416 -500416 -500418 -600406 -650365 -700 -348 -750348 -750339 -5119 -950 -063

						•			
X/C	6.0	X/C	CP	X/C	CP	x/C	CP	X/C	CP
- 146	107	.005	.789	.005	. 736	.005	. 702	. 305	.557
.222	177	.025	137	.025	041	• 025	074	.025	
. 338	~. 293	.050	285	.050	331	.050	409		095
.448	387	- 100	453					.050	441
.527				-100	408	.100	401	.100	382
	480	.120	441	-180	442	.180	~ . 498	.180	340
- 405	460	.180	448	. 400	527	.300	446	.300	371
-684	415	. 250	504	.500	496	.400	488		
.724	285	. 300	522			-		.400	402
.763	179			.600	353	.500	443	-500	378
		•400	520	. 650	198	. 600	296	.600	254
.803	~.057	.500	567	.700	058	.650	155	.650	151
<b>. 8</b> 42	.044	.600	387	. 750	.054				
.921	.143	-650	233			. 700	028	.700	040
				.800	<b>.</b> 1 39	.750	-088	.750	.090
. 961	.157	. 700	097	.900	• 2 3B	. 600	.163	. 800	-189
		.750	.024	. 950	. 264	*	****		9197
		.800	.104						
		.900	.209						
		. 950	.236						







(g) M = 0.80 - Continued

 $\alpha = 1.42^{\circ}; C_{L} = 0.207$ 

			<b>–</b>		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGF			WING UPPER SURFACE		
X/L CP •731 -•552 •747 -•655 •763 -•442 •778 -•328	X/C CP .223444 .346613 .448457 .487382 .527301 .566211 .605134 .669134 .669134 .684197 .724341 .763385 .803316 .882339	X/C CP 0.000 1.004 .003 .309 .010586 .020898 .025 -1.025 .030 -1.076 .050 -1.082 .100918 .120885 .180778 .250828 .300488 .350457	X/C CP 0.000 1.021 .010501 .030882 .050834 .100779 .180796 .300905 .350780 .400517 .450485 .500483 .550485 .600477	X/C CP 0.000 1.031 .010292 .030885 .050785 .100768 .180719 .300844 .350859 .400726 .450404 .550384 .550384	X/C CP 0.000 .985 .010096 .030844 .050826 .100851 .180453 .300615 .350487 .400416 .450420 .500410 .550422 .600408
	.961169	.390439 .450445 .500450 .550483 .600535 .650508 .700437 .800218 .900022 .950 .076	.650477 .650422 .700343 .750267 .850083 .950 .091	.650398 .700335 .990 .107	.650372 .700348 .750340 .850120 .950 .059
	X/C CP •148 -•082 •222 -•149	X/C CP •005 •813 •025 ••082	WING LOWER SURFACE X/C CP .005 .767 .025029	X/C CP •005 •719 •025 ~•018	X/C CP •005 •592 •025 -•078

•222 -.149 •338 -.264 -. 328 .050 -.279 -.196 -050 .050 -050 -.354 . 100 - 100 .448 -.367 -100 -.415 -.347 .100 -.351 -.334 -.404 .527 -.456 .180 .120 -.406 .180 -.444 -.313 .180 . 605 . 180 -.495 -.431 .40C .300 -.416 . 370 -.437 -.348 .684 .724 - .401 .250 -.457 -.475 .400 -.471 -400 -.377 -.274 .300 -.484 .600 -.347 .500 -.433 . 500 -.366 .650 .763 -. 170 .40C -.508 -. 195 .630 -.302 -600 -.246 .803 -.047 . 500 -.557 .700 -.054 .650 -.152 .650 -. 149 . 842 .059 .600 -. 381 . 750 .060 .730 -.023 .700 -.033 .4 21 .961 .093 .148 .650 -.230 .800 .147 .750 .091 .750 .159 . 70C -. 391 .900 .246 . 800 . 167 .800 .031 .750 .950 .261 .800 .900 -1 04 .222

.950



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## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

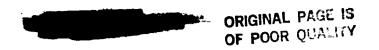
(g) M = 0.80 - Continued

 $\alpha = 1.92^{\circ}; C_{L} = 0.274$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	559	.223471	0.000 .984	0.000 1.009	0.000 1.025	0.000 .982
• 747	688	• <b>346</b> -•640	.003 .217	.010584	.010369	.010177
.763	440	.448547	-010670	.030967	.030977	.030932
.778	326	<b>.487</b> 421	.020 -1.301	.050936	.050977	.050953
		.5 <b>27</b> 321	.025 -1.143	.100838	.100843	.100887
		•566 - • 225	.030 -1.219	.180934	.180851	.180843
		<b>.605</b> 141	.050 -1.193	.300961	.300901	.300641
		.669141	.100 -1.045	.350995	.350935	-350615
		<b>.684</b> 207	.120978	.400804	.400923	.400450
		•724 -•348	.180909	.450494	.450685	.450421
		.763380	.250 ~.863	.500447	.500372	.500412
		<b>.803</b> 304	.300816	-550447	.550372	.550418
		<b>.882</b> 338	.350471	<b>.600432</b>	.600378	-600406
		•9 <b>6l</b> -•163	<b>.4</b> 00430	.650394	.650356	.650372
			<b>.4</b> 50426	./00338	.700319	.700351
	•		.500445	.750261	.990 .107	.750345
			.550476	.850081		.850122
			<b>-600528</b>	<b>.950 .</b> 090		.950 .059
			<b>.650495</b>			.990 .129
			<b>.</b> 700 - <b>.</b> 423			
			-800218			
			.900023			
			.950 .072			
			.990 .135			

X/C	CP	X/C	CP	X/C	CP	x/C	CP	x/c	CP
-148	058	.005	. 846	-005	.809	.005	.808	-005	.643
•222	130	.025	.019	.025	.058	-025	-061	.025	-017
.338	242	.050	129	.050	187	.050	238	-050	266
. 448	338	-100	339	-100	284	. 100	273	-100	281
.527	426	-120	327	-180	~.350	.180	366	-180	279
.605	401	-180	360	. 400	471	.300	393	. 300	322
.684	386	• 250	406	.500	441	-430	431	-400	365
- 724	273	- 300	420	-600	344	. 500	412	.500	344
.763	169	.400	474	.650	195	.600	292	.600	240
-803	042	.500	507	.700	052	.650	146	.650	147
.842	-066	.600	373	. 75)	. 364	.700	022	.700	034
-921	-152	-650	227	.860	-156	. 750	.095	.750	.097
.961	-163	.700	089	.900	.251	.830	.172	. 800	.200
		.750	-044	. 950	.268				
		-800	-116	,,,,					
		- 900	-226						





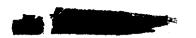
(g) M = 0.80 - Continued

 $\alpha = 2.46^{\circ}; C_{L} = 0.347$ 

	STATION -148	SOAT LON .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	•	
FUS BLAGE  X/L CP  .731572  .747655  .763437  .778325	X/C CP .223499 .346703 .448749 .467456 .527344 .566243 .605159 .649153 .684213 .724357 .763395 .803346 .802334	X/C CP 0-000 .970 -003 .168 -010728 -020 -1.049 -025 -1.203 -030 -1.298 -050 -1.339 -100 -1.210 -120 -1.009 -180946 -250948 -300925 -350805 -467	WING UPPER SURFACE  X/C CP  0.000 .996 .010660 .030 -1.046 .050 -1.024 .100952 .180971 .300 -1.053 .400 -1.059 .450 -1.001 .500510 .550400 .600365	x/C CP 0.000 1.024 .010425 .030 -1.022 .050 -1.053 .100945 .180958 .300 -1.000 .350 -1.007 .400 -1.008 .450954 .500503 .550344 .650313	X/C CP 0.000 .977 .010251 .030978 .050 -1.053 .100982 .180941 .300728 .350647 .400552 .450456 .500405 .550411 .600400 .650371
		.450424 .500431 .550457 .600495 .650471 .700409 .800215 .900320 .950 .073 .990 .138	.700297 .750229 .850075 .950 -090	.700274 .990 .105	.700353 .750342 .850124 .950 .056 .990 .123

X/C	CP	X/C	SP	X/C	CP	X/C	CP	X/C	CP
-148	022	- 005	.878	- 005	. 851	.005	.814	.005	.705
. 222	096	- 025	.073	.025	.135	. 025	.113	.025	-090
.338	221	-050	~. 388	-050	110	. 050	194	.050	~.220
.448	317	- 100	286	-100	208	-100	220	. 100	228
.527	394	-120	278	.180	298	-180	326	.180	246
-605	399	-180	308	-400	423	.300	344	-300	297
.684	375	.25C	361	. 500	433	.400	400	.400	343
.724	259	.300	399	.600	340	.500	399	. 500	336
. 763	161	• <del>40</del> 0	444	.650	L84	. 600	288	-600	231
.803	040	• 500	479	.700	043	-650	146	-650	136
. 842	.070	•600	367	. 750	.069	.700	017	.700	027
.921	.159	<b>.65</b> Q	220	.800	-164	-750	- 102	- 750	-100
.961	. 165	- 700	082	-900	.262	-800	.179	.800	.206
		.750	.044	•950	.278				
		. 800	-121						
		• 900	.232						
		. 950	.250						





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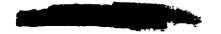
# TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

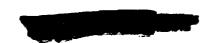
(g) M = 0.80 - Continued

 $\alpha = 2.95^{\circ}; C_{L} = 0.413$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731579	.223518	0.000 .938	0.000 .978	0.000 1.011	0.000 .967
.747682	.346 735	.003 .385	.010741	.Cl0498	.010322
.763428	-448736	.010791	.030 -1.098	.030 -1.079	.030 -1.030
.778316	-487563	.020 -1.127	.050 -1.090	.050 -1.138	.050 -1.110
	.527382	.025 -1.273	.100 -1.017	-100 -1-020	-100 -1-042
	<b>.</b> 566 <b></b> 267	.030 -1.359	-180 -1-042	.180 -1.016	.180975
	.605178	.050 -1.423	.300 -1.105	.300 -1.078	.300835
	.669170	.100 -1.274	-350 -1.115	.350 -1.076	.350765
	.684226	.120 -1.295	-400 -1-115	.400 -1.078	.400664
	.724356	.180968	50 -1.093	.450 -1.064	.450458
	.763 <b></b> 389	.250990	500608	.500595	-500402
	.803338	.300 -1.008	-550485	.550441	.550401
	.882324	.350981	.600412	.600340	.600371
	.961157	.400686	.650317	.650292	.650367
		.450455	.700258	.700245	.700346
		.500424	.750203	.990 .105	.750339
		•550443	•850 - <b>•06</b> 2		.850126
	•	.600466	-950 .087		.950 .052
		.6504 <i>2</i> 9			.990 .120
		.700381			
		.800203			
		.900020			
		.950 .073			
		.990 .134			

X/C	CP	x/c	CP	X/C	CP	x/c	CP	X/C	CP
-148	- <b>.</b> 006	.005	.913	-005	.867	-005	.852	.005	.736
•222	070	.025	-166	.025	.214	.025	.194	.025	.160
.338	200	.050	026	.050	038	.050	123	.050	166
- 448	282	.100	205	-100	160	.100	158	.100	188
.527	<b> 36</b> 3	-120	212	.180	253	.180	274	.180	215
-605	367	. 180	265	• 400	387	.300	321	.300	
.684	346	.250	317	.500	405	.400	376		280
.724	245	.300	353	-600	324	.500		.400	319
.763	147	•400	402	.650	179		381	-500	325
. A03	031	•500	451	.700	042	.600	28 l	.600	220
- 842	.078	.600	359			-650	140	-650	132
.921	-165			.750	.072	. 700	014	.700	031
		.650	210	.800	.168	. 750	• 10 3	.750	.099
.961	.1 75	. 700	075	.900	.262	.800	.184	.800	-206
		.750	.050	.950	.282				
		.800	-136						
		.900	.241						
		.950	-261						





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## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(g) M = 0.80 - Continued

 $\alpha = 3.95^{\circ}; C_{L} = 0.501$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSI	ELAGE			WING UPPER SURFACE	:	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	584	.223590	0.000 .885	0.000 .938	0.000 .990	0.000 .940
. 747	526	.346765	.003325	.010828	.010593	.010416
.763	440	.448924	.010926	.030 -1.199	.030 -1.179	.030 -1.134
.778	319	.487681	.020 -1.208	.050 -1.201	.050 -1.217	.050 -1.211
		.527457	.025 -1.343	.100 -1.152	.100 -1.125	.100 -1.146
		• <b>566</b> - •326	.030 -1.451	.180 -1.165	-180 -1-128	-180 -1-077
		•605 -•225	.050 -1.526	.300 -1.222	.300 -1.169	.300988
		.669195 .684238	.100 -1.459 .120 -1.405	-350 -1-215 -400 - 800	.350 -1.048	.350897
		.724354	•120 -1•405 •180 -1•356	.400899 .450665	.400888 .450588	.400704
		.763359	·250 -1·046	.500579	.500536	.450509 .500382
		.803299	.300 -1.060	.550531	.550492	.550381
		.882318	.350 -1.065	.600482	.600443	.600388
		.961153	.400 -1.031	.650425	.650391	.650376
			.450555	.700351	.700327	.700358
			.500446	.750294	.990043	.750362
			.550406	.850173		.850155
			-600402	.950046		.950 .029
			.650392			.990 .094
			.700347			
			.800213			
			.900034			
			.950 .054			
			.990 .117			
				WING LOWER SURFACE		
		X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
		.148 .045	.005 .957	.005 .923	.005 .906	.005 .785
		.222032	.025 .267	.025 .297	.025 .280	.025 .248
		.338150	.050 .086	.050 .049	-050018	.050057
		.448257	.100138	-100080	-100085	-100129
		•527 -•335	.120150	-180174	-180209	-180164
		-605341	-180205	.400357	-300273	-300258
		.694337	.250260	-500388	.400349	.400312
		.724247 .763150	.300290	.600347	.500369	.500317
		.803023	.400372 .500426	•650 -•196 •700 -•072	.600303	.600231
		.842 .081	.600359	•750 •057	•650 -•165	.650141
		.921 .164	•650 -•220	•800 •141	.700048 .750 .076	.700045 .750 .095
		-961 -173	•700 -•0 <b>8</b> 5	.900 .231	.800 .155	.800 .200
			.750 .046	.950 .235		*****
			.800 .129	,,,,		
			.900 .240			
			.950 .261			

.261

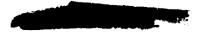


(g) M = 0.80 - Concluded

 $\alpha = 4.95^{\circ}; C_{L} = 0.542$ 

	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	E	
FUSELAGE  X/L CP .731543 .747489 .763485 .778343	X/C CP .223656 .346782 .448975 .487641 .527442 .566320 .605223 .669188 .604228 .724325 .763323 .803268 .882326 .961173	X/C CP 0.00C .834 .003141 .010 -1.015 .020 -1.296 .025 -1.415 .030 -1.522 .050 -1.604 .100 -1.555 .120 -1.532 .180 -1.481 .250979 .300869 .350791	X/C CP 0.000 .918 .010925 .030 +1.273 .050 -1.286 .100 -1.220 .180 -1.247 .300850 .350649 .400645 .450614 .500568 .550526 .600479 .650433	X/C CP 0.000 .974 .010699 .030 -1.273 .050 -1.321 .130 -1.217 .180 -1.209 .300823 .350649 .400600 .450576 .500551 .550516 .600468	x/C CP 0.000 .915 .010506 .030 -1.212 .050 -1.290 .100 -1.239 .180 -1.158 .300 -1.028 .350736 .400518 .450412 .500 -391 .550408 .600409
	,	.450644 .500566 .550508 .600446 .650390 .700360 .800248 .900145 .950065 .990019	.700388 .750335 .850253 .950215	.700365 .990153	.700385 .750385 .850174 .950011 .990 .052

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	- 0 <del>9</del> 1	• 005	.987	-005	.949	.005	.938	.005	.817
.222	.008	. 025	. 369	.025	-384	.025	. 366	.025	.316
- 338	127	• 05 0	.171	.050	.128	.050	. 096	.050	.013
-448	216	-103	358	.100	000	-100	019	-100	071
.527	299	.120	071	. 180	131	.180	161	.180	133
.605	327	-130	145	.400	330	. 300	243	.300	234
.684	339	.250	208	.500	393	. 400	332	-400	296
.724	245	.300	256	.600	381	.500	391	.500	328
.763	151	-400	330	-650	242	.600	330	.600	246
.803	029	. 500	419	.700	101	.650	189	-650	163
.842	.077	.600	380	.750	-012	.700	074	.700	060
.921	-166	-650	235	.800	.108	.750	.050	.750	.074
.961	.171	.700	113	.900	.190	.830	. 127	.830	-189
		.750	.014	.950	-175		-		
		.800	.104						
		•900	.199						
		•950	. 204						





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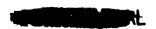
## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(h) M = 0.825

 $\alpha = -0.04^{\circ}; C_{L} = 0$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731496	.223333	0.000 1.051	0.000 1.044	0.000 1.035	0.000 .980
.747814	.346512	.003 .539	.010207	.0t0020	.010 .112
.763469	.448379	.010288	.030501	.030467	.030500
.778299	.487320	.020585	.050543	.050560	.050634
	.527247	•025 -•6 <del>94</del>	.100510	.100461	-100497
	.566157	.030726	.180611	.180564	.180425
	.605076	.050890	.300583	-300698	.300562
	.669077	.100584	.350 ~.505	.350681	.350478
	.684146	.120 ~.598	.400518	.400693	.400448
	.724296	.180602	•4 <b>5</b> 0 -•538	.450561	.450399
	.763352	.250503	.500554	.500451	.500391
	.803334	• 300 -• 45!	.550585	.550442	.550408
	.882 <b>~.5</b> 80	.350423	.600589	.600457	.600402
	.961149	•400396	•6 <b>5</b> 0 -•530	.650430	<b>.65</b> 0365
		.450397	.700343	.700334	.70034l
		.500410	.750247	.990 .109	.750329
		.550451	.850063		.850103
		.600526	.950 .106		<b>.950 .</b> 076
		.650534			.990 .142
		.700619			
		.800207			
		.900000			
		.950 .087			
		.990 .144			

	<b>C</b> D				c 0		c o	v 16	
X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	142	-005	.671	.005	-611	. 005	•554	.005	.399
.222	202	.025	~.307	-025	217	-025	227	.025	232
.338	335	.050	434	.050	502	.050	575	. 05 0	563
. 448	428	-100	591	-100	559	. 100	574	.100	557
.527	554	.120	581	.160	580	.180	626	.180	547
.605	644	. 180	593	•400	725	.300	684	. 300	541
.684	687	.250	549	.500	804	.400	701	.400	56 l
.724	285	.300	599	-600	283	-500	700	.500	441
.763	172	.400	678	.650	166	.600	248	.600	261
. 803	072	.500	775	-700	080	.650	132	.650	157
• 842	.015	.603	369	.750	010	. 700	023	.700	034
.921	-116	.650	210	.800	.053	.750	.061	.750	.083
. 96 l	.147	.700	124	• 900	.157	.800	.127	.800	-171
		.750	064	.950	.204				
		.800	.004						
		222							



(h) M = 0.825 - Continued

 $\alpha = 0.96^{\circ}; C_{L} = 0.141$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>:</b>	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731500	.223391	0.000 1.333	0.000 1.042	0.030 1.042	0.000 .990
.747798	•346 -•568	.003 .398	.010349	.010142	.010005
.763470	.448516	.010439	.030713	.030690	.030648
.778295	.487363	.020775	.050631	.050681	.050691
	•527 -•272	.025885	.100692	.100637	.100764
	.566178	.030960	.180735	.180654	-180579
	.605098	.050981	.300819	.300796	.300636
	.669097	.100841	.350834	-350838	-350620
	.684158	.120752	.400778	.400817	.400632
	.724304	.180735	.450578	.450846	.450597
	.763365	-250745	.500574	.500819	.500531
	.803349	-300753	.550571	.550479	-550384
	.882508	-350455	.600567	.600329	.600370
	.961149	.400392	.650443	.650312	.650348
		.450397	.700317	.700279	.700333
		.500418	.750237	.990 .111	.750323
		.550467	.850061	-	.850101
		.600532	.950 .100		.950 .074
		-650549			.990 .137
		.700627			
		.800206			
		.900301			
		.950 .085			
		.990 .137			

X/C	CP	x/C	CP	X/C	CP	x/C	CP	X/C	CP
-148	099	-005	.792	-005	.714	.005	.681	.005	.528
-222	164	.025	-, 128	.025	091	.025	138	.025	116
. 338	288	.050	260	.050	350	.050	405	.050	487
.448	388	-100	468	.100	431	.100	418	.100	398
.527	~.505	.120	449	.180	443	.180	538	. 180	418
• 605	591	.180	434	.400	622	.300	~.565	.300	410
.684	476	. 250	494	.500	703	.400	610	.400	476
• 724	274	.300	528	-600	297	.500	491	.500	419
.763	167	.400	615	.650	160	.600	284	.600	256
.803	050	• 50 0	706	-700	047	.650	140	.650	152
.842	. 041	•600	375	. 750	.047	.700	018	.700	032
-92 L	.137	-650	197	.800	-120	.750	.085	.750	.093
.961	.159	.700	076	.900	.219	.830	.159	. 600	.186
		.750	-011	.950	-249				
		.800	.074						
		-900	-197						
		.950	. 226						



(h) M = 0.825 - Continued

 $\alpha = 1.40^{\circ}; C_{L} = 0.204$ 

		STATIO	N - 148	STATION	•402	STATION	.595	STATION	.775	STATEO	N .913
FUS	ELAGE					WING UPPE	R SURFACI	E			
X/L	CP	x/C	CP	X/C	CP	X/C	CP	X/Ç	CP	X/C	CP
.731	510	.223	418		1.019		1.028		.039	0.000	.982
. 747	802	.346	591	.003	.351		443		208	.010	068
. 763	462	.448	692		492		793		751	.030	747
. 778	290	.487	414 294		840		759		- 740	.050	790
		.527 .566	195		975		730		713	-100	789
		•605	111	•030 - •050 -			742		720	.180	643
		.669	109		877		~.886 904		853 856	.300 .350	640 641
		.684	164		851		882		862	•400	659
			305		782		809		.891	.450	653
			365		785		690		897	.500	586
		.803	351		818		562		.713	.550	434
		. 882	565		783		503		367	.600	363
		.961	141		417		395		287	.650	339
		••••	•••		394		296		.240	.700	322
					414		230	.990	.114	.750	320
					452		054			.850	398
					528	.950	-101			.950	.074
					554					.990	. 132
				.700	605						
				. 600	208						
				-900	000						
				• <b>95</b> 0	.082						
				<b>. 99</b> 0	.135						
						WING LOWE	R SURFACE	•			
		X/C	C P	X/C	CP	X/C	CP	X/C	CP	X/C	CP
		-148	072	- 005	. 6 19	.005	.755	.005	. 728	.005	.563
		. 222	148		073	.025	•002		.041	.025	050
		7000		7 00 7			7700				- 050

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.146	072	• 005	. 8 19	.005	.755	.005	.728	.005	.563
. 222	148	. 02 5	073	.025	•002	.025	041	.025	05 0
.338	272	.050	215	.050	280	. 05 0	377	-050	404
.448	376	. 100	405	.100	357	.100	366	-100	356
.527	486	-120	386	.180	415	. 180	483	.180	387
.605	555	.180	410	. 400	564	•300	491	.300	391
.684	442	-250	463	.500	637	-400	559	.400	444
.724	279	. 300	508	.600	322	-500	500	.500	408
. 763	166	.400	581	.650	170	.600	284	.600	253
.803	046	.500	668	.700	046	.650	142	.650	151
.842	.050	.603	374	.750	.056	.700	019	. 700	033
. 92 l	.142	•650	204	.600	.133	.750	-087	.750	.094
.961	-160	.700	079	. 900	.227	.800	.161	.800	. 190
		.750	.023	.950	.258				
		.800	.09 L						
		-900	.207						
		. 950	.238						





(

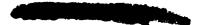
## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(h) M = 0.825 - Continued

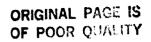
 $\alpha = 1.87^{\circ}; C_{L} = 0.267$ 

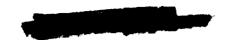
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
X/L CP .73L519 .747827 .763456 .778292	X/C CP ·223 - ·443 ·346 - ·635 ·448 - ·721 ·487 - ·514 ·527 - ·328 ·566 - ·218 ·605 - ·133 ·669 - ·120 ·684 - ·175 ·724 - ·313	X/C CP 0.000 .997 .003 .279 .010574 .020892 .025 -1.049 .030 -1.114 .050 -1.095 .100990 .120999 .180843	X/C CP 0.000 1.029 .010500 .030838 .050838 .100769 .180849 .300927 .350944 .400956 .450931	X/C CP 0.000 1.034 .010280 .030881 .050862 .100756 .180816 .300862 .350902 .400918 .450951	X/C CP 0.000 .989 .010134 .030798 .050861 .100833 .180827 .300616 .350640 .400679 .450699
	.763376 .803357 .882575 .961140	.250827 .300159 .350861 .400693 .450407 .500409 .550452 .600526 .650552 .700579 .800206 .900004 .950 .081	.500907 .550754 .600437 .650345 .700270 .750205 .850053	.500943 .550793 .600404 .650307 .720239 .790 .096	.500701 .550511 .600369 .650329 .700316 .750305 .850099 .950 .070

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	C P
.148	051	.005	-842	. 005	. 786	-005	.754	.005	.606
.222	123	.025	-009	.025	.057	.025	.035	.025	.025
. 338	241	.050	134	.050	229	.050	260	. 050	350
.448	347	.100	352	. 100	297	.100	304	-100	318
.527	466	.120	335	.180	370	.180	420	.180	331
.605	476	. 180	371	. 400	539	.300	442	- 300	374
.684	444	• 250	435	.500	-,599	.400	515	.400	428
.724	277	. 300	462	+600	330	.500	488	.500	398
. 763	l63	.400	537	. 650	182	-600	- • 29 2	-600	254
.803	043	.500	606	.700	044	•650	147	.650	149
.842	.059	.600	376	• 750	.059	.700	021	.700	031
.921	• l 46	.650	206	.800	.142	.750	•090	.750	.094
.961	.l60	.700	073	• 900	.238	.000	- 165	.800	. 193
		• 750	.033	.950	. 2 60				
		. 800	-100						
		-900	.215						









(h) M = 0.825 - Continued

 $\alpha = 2.45^{\circ}; C_{L} = 0.336$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGF			WING UPPER SURFACE		
FUSEL AGF  X/L CP  .731534  .747843  .763468  .778286	X/C CP 223479 .346667 .448721 .487699 .527401 .566260 .605160 .669138 .684187 .724323 .763384 .803369	X/C CP 0.200 .981 .003 .210 .010626 .020962 .025 -1.098 .030 -1.200 .050 -1.206 .100 -1.176 .120 -1.093 .180878 .250906	X/C CP 0.000 1.016 .010572 .030934 .050926 .100848 .180894 .300979 .350 -1.006 .500 -1.026 .450 -1.051 .500 -1.020 .550622	x/C CP 0.000 1.031 .010346 .030917 .050956 .100837 .180878 .300929 .350986 .400974 .450989 .500785 .550525	X/C CP 0.000 .984 .010175 .030889 .050941 .100904 .180855 .300769 .350717 .400723 .450745 .500679 .550500
	.842518 .961143	.350907 .400910 .450661 .500451 .550457 .600492 .650500 .700472 .803208 .900010 .953 .077	.600434 .650354 .700290 .750221 .850090 .950 .029	.600393 .650330 .700280 .990 .028	.600359 .650327 .700319 .750314 .850110 .950058 .990 .119

X/C	CP	X/C	C P	X/C	CP	X/C	CP	X/C	CP
.148	027	.005	.893	.005	-817	.005	.808	.005	.652
. 222	090	.025	.087	.025	.131	.025	.112	.025	.064
. 338	227	.050	098	.050	129	.050	220	•050	251
.448	332	-100	2 83	.100	226	.100	251	.100	273
.527	444	.120	2 92	.180	333	.180	375	.180	300
.605	436	.180	321	.400	497	.300	406	.300	361
.684	425	.250	+02	.500	572	.400	491	•400	420
.724	274	.300	419	.600	364	.500	511	.500	396
.763	159	•400	- 499	.650	196	.600	~.311	•600	253
.803	042	• 500	592	.700	054	.650	160	.650	155
.842	.065	.600	- 390	.750	.056	.700	041	.700	037
.921	.154	•650	210		_				
				.800	-144	.750	.082	.750	.093
.961	.159	.700	384	.900	.234	.830	.152	.800	. 194
		.750	. 233	.950	.250				-
		_		.,,,,	47.70				
		.800	-106						
		-900	.216						
		950	.242						

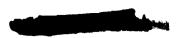


#### (h) M = 0.825 - Continued

 $\alpha = 2.92^{\circ}; C_{L} = 0.376$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
X/L CP .731539 .747854 .763416 .778286	X/C CP .223509 .346693 .448799 .487721 .527450 .566295 .605189 .669164 .684201 .724329 .763392 .803371 .882387	X/C CP 0.000 .967 .003 .160 .010703 .020 -1.009 .025 -1.145 .030 -1.235 .050 -1.301 .100 -1.185 .120 -1.219 .180890 .250935 .300959 .350947	X/C CP 0.000 .998 .010595 .030993 .050962 .100951 .189970 .300 -1.025 .350 -1.035 .400 -1.051 .450 -1.027 .500554 .550482	X/C CP 0.000 1.031 .010400 .030968 .050 -1.017 .100908 .180913 .300993 .350 -1.013 .400 -1.026 .450918 .500510 .550435 .600394	X/C CP 0.000 .978 .010213 .030925 .050991 .100956 .180912 .360823 .350763 .400762 .450773 .500630 .550380 .600331
	.961144	.400951 .450887 .500502 .550445 .600431 .650425 .800206 .900024 .950 .066	.650395 .700344 .750286 .850199 .950071	.650358 .700317 .990057	.650329 .700324 .750331 .850130 .950 .047 .990 .111

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.004	• 305	.913	005	. 864	.005	. 825	.005	.703
.222	080	-025	•15ı	.025	.155	.025	.168	.025	-109
.338	1 95	.050	037	.050	067	.050	152	.050	208
.448	309	-100	239	.100	202	-100	208	.100	244
.527	421	.120	247	.180	276	.180	321	. 160	269
.605	428	-180	296	.400	470	.300	381	.300	341
. 684	423	. 250	~.359	.500	555	. 430	469	.400	410
.724	2 76	.300	408	.600	391	-5 30	503	.500	395
.763	162	.400	467	.650	212	.630	313	-600	258
.803	039	•500	575	.700	073	.650	170	.650	160
. 842	.067	.600	391	. 750	.036	.700	~.052	.700	045
.921	.158	.650	219	.800	.127	. 750	. 063	. 750	.083
.961	.171	.700	086	.900	.209	.800	-143	.800	. 189
		.750	.035	.950	.223				
		.800	.117						
		.900	.216						
		. 95 0	.241						



# ORIGINAL PAGE 18 OF POOR QUALITY

#### TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

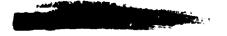
(h) M = 0.825 - Continued

 $\alpha = 3.98^{\circ}; C_{L} = 0.447$ 

	STATION .148	STATION .402	STATION .595	STATION .715	STATION .913
FUS EL AGE			WING UPPER SURFACE	:	
FUSELAGE  X/L CP  .731541  .747827  .763411  .778303	X/C	X/C	X/C CP J.000 .971 .010716 .030 -1.087 .050 -1.084 .100 -1.027 .180 -1.064 .300 -1.129 .350 -1.102 .400675 .450540 .500512 .550484 .600460 .650423 .700393 .750358 .850270 .950202	x/C CP 0.070 1.008 .010495 .030 -1.069 .050 -1.101 .100 -1.005 .180 -1.007 .250813 .400572 .450503 .500476 .550460 .600433 .650413 .730392 .990184	x/C CP C.000 .959 .010322 .030 -1.015 .050 -1.096 .100 -1.051 .180 -1.009 .300947 .350389 .400841 .450710 .500406 .550348 .600343 .650354 .700356 .750361 .850361 .850361 .950 .005

ш	11	MC.	nu	£	₽	•	110	c	۸	r	£

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.049	.005	.962	.005	.910	.005	.886	.005	. 756
.227	031	.025	.242	• 225	. 267	.025	.262	.025	.212
.338	154	.050	.066	.050	.042	.050	042	.050	107
.448	267	.100	151	.100	103	.130	121	.100	164
.527	373	.120	165	.180	218	.130	270	-180	214
.605	404	.180	216	. 400	423	.300	319	.300	313
.684	472	.250	286	.500	511	.400	429	•400	399
. 724	278	. 300	331	.600	497	.500	504	.500	416
.763	166	.400	412	.650	243	.600	367	.600	280
.803	045	.500	537	.700	101	.650	201	.650	179
.842	.071	.600	429	. 750	.005	.700	077	.700	068
.921	. 165	.650	237	.800	.106	.750	.043	.750	. 06 9
.961	. 176	.700	105	.900	.182	.820	.119	.800	-1 82
		.750	.017	. 950	.176				****
		. 900	.098		_				
		. 200	.217						
		.950	.225						



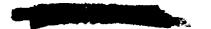


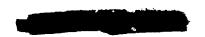
## (h) M= 0.825 - Concluded

# a =4.95°; C<sub>L</sub>= 0.496

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP •731509 •747763 •763451 •7783318	X/C CP .223650 .346740 .448948 .487817 .527500 .566361 .605242 .669192 .684207 .724304 .763345 .803345	X/C CP 0.000 .864 .003062 .010902 .020 -1.182 .025 -1.312 .030 -1.402 .050 -1.484 .100 -1.473 .120 -1.478 .180 -1.370 .250 -1.075	X/C CP 0.000 .936 .010787 .030 -1.154 .050 -1.170 .100 -1.130 .180 -1.133 .300682 .350607 .400586 .450546 .500526 .550507	X/C CP 0.000 .989 .010585 .030 -1.141 .050 -1.114 .100 -1.111 .300886 .350616 .400559 .450530 .500517 .550494	X/C CP 0.000 .930 .010385 .030 -1.078 .050 -1.160 .100 -1.138 .180 -1.070 .300 -1.008 .350906 .400732 .450529 .500408 .550393
	.882405 .961187	.350746 .400698 .450660 .500603 .550549 .600484 .650453 .700400 .800324 .900236 .956196	.600473 .650439 .700604 .750380 .850333 .950294	.600483 .650446 .700430 .990255	.600391 .650386 .700378 .750383 .850210 .950062 .990621

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP.
.148	-087	.005	.996	. 0 0 5	. 946	.005	.924	. 005	.808
. 222	-006	. 02 5	. 362	.025	.337	. 0 25	. 340	.025	.269
.338	117	.050	.153	.050	.109	.050	. 046	.050	010
.448	238	-100	068	.100	024	.1 30	046	- 100	113
.527	341	.120	081	-180	142	.180	1 82	.180	164
.605	383	- 180	161	.400	379	. 300	281	.300	289
. 684	407	.250	~.236	.500	485	. 400	409	.400	367
.724	286	.300	290	-600	521	.500	491	. 500	407
.763	173	- 400	370	.650	269	.600	427	• <b>60</b> 0	284
.803	043	-500	513	.700	120	-650	222	.650	195
. 842	.070	.600	516	. 750	011	.700	100	.700	083
.921	. 155	-650	267	.800	.085	. 750	.027	. 750	.052
.961	. 168	. 700	128	.900	.164	.800	.104	.800	.163
		.750	-001	.950	. 150		•	*	
		.800	.074						
		. 900	. 173						
		- 95 0	.173						



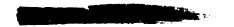


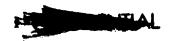
(i) M = 0.85

 $\alpha = -0.40^{\circ}$ :  $C_L = 0.001$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	Ē	
X/L CP •731446 •747711 •763783 •778308	X/C CP •223 -•311 •346 -•489 •448 -•449 •487 -•306	X/C CP 0.000 1.061 .003 .550 .01020M .020543	X/C CP 0.000 1.057 .010168 .030445 .050498	X/C CF 0.000 1.041 .010 .014 .030410 .050567	X/C CP 0.000 .984 .010 .149 .030441 .050587
	.527221 .566133 .605050 .669044 .684104	.025655 .030751 .050786 .100568 .120586	.100443 .180584 .300687 .350696 .400679	.100427 .180566 .300672 .350690 .400713	.190477 .180479 .300569 .350565 .400585
	.724248 .763310 .803293 .882631 .961141	.180581 .250634 .300642 .350396 .400359	.450637 .500516 .550552 .600600 .650681	.450736 .500765 .550759 .600760 .650575	.450609 .500629 .550646 .600604 .650371
		.450355 .500366 .550412 .4^^481 .450503	.700 ~.705 .750 ~.382 .850 ~.090 .950 .040	.700289 .990 .164	.700294 .750278 .850074 .950 .086
		.700594 .800533 .900069 .950016 .990 .044			.990 .141

X/C	CP	x/C	SP	x/c	CP	X/C	CP	X/C	CP
.148	129	.005	. 703	-005	.648	.005	-586	-005	•422
•222	~.193	.025	253	.025	178	.025	190	.025	199
. 338	316	.050	445	.050	494	.050	548	.050	553
.448	404	-100	547	.100	512	.100	527	-100	539
.527	526	. 120	542	.180	556	.180	632		
-605	638	. 180	541	-400	693	.300	654	-180	532
. 684	785	.250	~.590	.500	785	.400	741	-300	618
.724	617	.300	582	.500	264			-400	624
. 763	263		655			.500	829	•500	695
_		• 400		.650	209	. 600	244	-600	242
.803	186	• 500	757	.790	177	.650	192	.650	145
.842	118	.600	302	. 750	167	.700	139	.700	039
•921	.015	.650	237	.800	132	. 750	097	.750	.036
. 961	.093	. 700	214	.900	050	.800	072	-800	.113
		.750	200	.950	.012	••••			****
		.800	177						
		-900	102						
		060							





(-

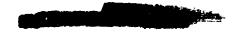
# TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

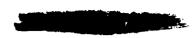
(i) M = 0.85 -Continued

 $\alpha = 0.95^{\circ}$ :  $C_{L} = 0.105$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
FUSEL AGE  X/L CP  .731461  .747741  .763802  .778291	X/C CP •223364 •346559 •448660 •487431 •527269 •566164 •605079 •669067 •684120 •724262 •763318 •803299 •882627 •961140	X/C CP 0.000 1.043 .003 .455 .010347 .020711 .025827 .030863 .050900 .100767 .120741 .180686 .250726 .300749 .350749 .350748 .400673 .450351 .500360 .550407	X/C CP 0.000 1.048 .010299 .030636 .050591 .100631 .180677 .300795 .350803 .400809 .450803 .500810 .550785 .600588 .600588 .600331 .750214	x/C CP 0.000 1.048 .010099 .030574 .050611 .100623 .180620 .300759 .350781 .400801 .450819 .500851 .500851 .500445 .650303 .700239	X/C CP 0.000 .987 .010 .039 .030614 .050646 .100707 .180612 .300619 .350612 .400636 .450668 .500690 .550713 .600625 .650330 .700255 .750243
		.600475 .650509 .700604 .800293 .900019 .950 .056	.950 .066		.850071 .950 .079 .990 .130

CP	X/C	CP	X/C	CP	X/C	CP	x/c	CP
075	.005	. 793	.005	.702	.005	-		.515
141	• 02 5	128	.025	059				098
274	• 05 0	265	.050	343				450
364	. 100	434						414
488	.120	434						464
592	-180	.466						533
~.749	.250	- 474						
602	. 300	513						
223								665
141								257
066								146
								034
								•050
•120					.830	024	-800	• 129
			• 450	• 05Z				
	075 141 274 364 488 592 749 602 223	075 .005141 .025274 .050364 .100488 .120592 .180749 .250602 .300223 .400141 .500066 .600 .072 .650 .126 .700	075 .005 .793141 .025128274 .050265364 .100434488 .120434592 .180 .466749 .250474602 .300513223 .400599141 .500719066 .600406 .072 .650243 .126 .700203	075 .005 .793 .005141 .025128 .025274 .050265 .050364 .100434 .100488 .120434 .180592 .180 .466 .400749 .250474 .500602 .300513 .600223 .400599 .650141 .500719 .700066 .600406 .750072 .650243 .800 .750171 .950	075	075	075	075





(i) M = 0.85 - Continued

 $\alpha = 1.42^{\circ}$ :  $C_{L} = 0.152$ 

		STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL	AGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.461	.22338L	0.000 1.040	0.000 1.042	0.000 1.048	0.000 .993
	•753	.346581	.003 .413	.010361	.010160	.010018
	.791	.448675	-010426	.030716	.030713	.030660
.778 -	. 283	.487636	.020766	.050706	.050717	.050744
		.527333	.025892	.100668	.100657	-100725
		.566 ~.197	.030994	.180733	.180715	.180718
		-605100	-050948	.300819	.300793	.300628
		.669081	.100 ~.805	.350853	.350815	.350630
		-684130	-120807	.400874	.400840	.400660
		.724263	.180729	.450846	.450857	.450682
		.763323	.250752	.500847	.500873	.500707
		.803308	.300791	.550875	.550498	.550718
		.882637	.350796	.600538	.500325	.600547
		.961129	.400820	.650333	.650291	.650285
			.450494	.700258	.700253	.700246
			-500384	.750208	.990018	.750247
			-550401	.850073		.850077
			.600467	.950 .061		.950 .077
			-650508			.990 .120
			. 700601			0110 0120
			.800229			
			.900 .002			
			.950 .074			
			.990 .117			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	052	- 305	.820	.005	.769	•005	. 726	.005	.559
• 222	127	.025	069	.025	.013	.025	006	.025	038
.338	250	.050	198	.050	277	.050	331	.050	420
•448	354	- 100	395	-1 00	338	• 100	354	-1 00	363
• 527	473	.120	376	.180	389	.180	463	-180	402
.605	576	.180	373	•400	602	.300	520	- 300	514
.684	725	. 250	445	.500	701	- 400	615	-400	564
.724	563	. 300	489	-600	419	•500	720	-500	637
• 763	215	.400	579	• 6 50	221	.600	359	-600	263
-803	099	•500	705	.700	179	.650	216	-650	148
• 842	035	• 600	505	.750	121	. 700	148	.700	038
•921	.085	•650	258	.800	094	.750	081	•750	-058
.96l	.136	.700	200	• 900	-017	.800	032	.800	-132
		•750	155	.950	.085				
		. 800	118						
		•900	-023						
		• 95 0	.111						



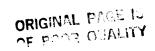
#### (i) M = 0.85 - Continued

 $\alpha = 1.94^{\circ}$ :  $C_{L} = 0.201$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGF			WING UPPER SURFACE		
X/L CP .731466 .747778 .763736 .778281	X/C CP .223435 .346604 .448693 .487727 .527392 .566235 .605133 .669100 .684142 .724268 .763338 .803316 .882651 .961131	X/C CP 0.003 1.316 .003 .319 .010491 .020815 .025949 .030 -1.048 .057 -1.043 .100 -1.008 .120850 .180776 .250827 .400825 .450827 .400852 .450821 .500468 .550425 .600459 .650493 .700511 .80C215 .900 .001 .950 .075	X/C CP 0.000 1.032 .010412 .030792 .050771 .100739 .180794 .300879 .350879 .350899 .400912 .450931 .500914 .550936 .600401 .650345 .700300 .750252 .850137 .950035	X/C CP  0.000 1.041  010204  030784  050783  100678  180757  .300842  .350861  .400871  .450897  .500653  .550369  .600324  .650308  .700279  .990096	X/C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	034	• 00 5	.857	.005	.797	•005	•		-
.222	109	• 025	.032				. 764	.005	-612
				.025	•051	.025	•0 36	- 025	.006
• 338	~.2?5	• 05 0	139	.050	196	.050	271	.050	339
.448	333	.190	344	.103	292	-			
• 52 7	459	. 120	337			-100	311	•100	343
				.180	348	- 180	437	.180	382
. 605	557	.180	<b>~.</b> 345	.400	561	.300	487	.300	496
-684	712	.250	424	.500	679	•400			
.724	581	.300	464				579	-400	522
				•600	667	.500	690	.500	614
.763	205	• 400	556	•650	260	-600	547	.600	320
- 803	089	• 500	678	.700	178				
.842	013	.600				.650	232	.650	163
			766	- 750	131	.700	147	.700	049
.921	.113	•650	2 75	.800	082	.750	086	. 750	.050
.961	.150	.700	194	.900	.050				
						-800	023	.800	. 132
		. 750	143	. 95 )	•126				
		.800	109						
		- 90.3	.040						







(i) M = 0.85 - Continued

 $\alpha = 2.47^{\circ}$ :  $C_{L} = 0.249$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731480 .747799 .763677 .778279	X/C	X/C CP J-000 .999 .003 .275 .017559 .020874 .025 -1.001 .030 -1.082 .050 -1.132 .100 -1.079 .120 -1.032 .180811 .250832 .300850 .350871 .400873 .45C894 .500699 .550667 .600417 .700415 .800211 .900015	X/C CP 0.000 1.031 .010483 .030835 .150815 .100789 .120829 .300911 .350936 .400972 .450986 .500539 .550416 .600384 .650361 .700329 .750289 .850217	X/C CP 0.000 1.040 .010264 .030840 .050868 .100742 .180801 .300881 .350909 .400910 .450800 .500437 .550358 .600348 .650325 .700308 .990139	x/C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	006	. 00 5	.388	.005	.817	.005	.790	.005	.656
. 222	081	. 02 5	.087	.025	.121	.025	.099	.025	.048
.338	207	.050	076	.050	137	.050	199	.050	294
.448	318	.100	284	.100	245	-100	255	. 100	293
.527	438	- 120	295	.180	324	.180	414	.180	356
. 605	540	.180	326	. 400	538	-300	462	.300	440
.684	682	.250	397	.500	655	.400	554	-400	494
. 724	554	. 300	438	.600	821	. 500	664	-500	605
.763	198	• 400	530	.650	303	.600	737	-600	366
.803	069	•500	644	.700	199	-650	256	.650	173
.842	.009	.600	815	.750	123	.700	152	- 703	060
.921	. 132	.650	278	.800	066	- 750	067	.750	- 044
.961	.160	. 700	170	.900	-090	-800	.008	.800	.129
		. 750	105	.950	.120				
		.800	060						
		. 900	.118						
		•950	.179						



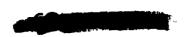


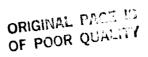
## (i) M = 0.85 - Continued

 $\alpha = 2.96^{\circ}$ :  $C_{L} = 0.290$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	:	
FUS ELAGE  X/L CP  .731485  .747801  .763622  .778275	X/C CP •223471 •346639 •448817 •527527 •566338 •605199 •669148 •684169 •724281 •763349 •803341 •882623 •961138	X/C CP 0.000 .987 .003 .233 .010611 .020902 .025 -1.059 .030 -1.152 .050 -1.203 .100 -1.105 .120 -1.112 .180843 .250859 .300890 .350900 .400910 .450933 .500830 .550830 .550870 .600396	X/C CP 0.000 1.007 .010521 .030874 .050866 .100835 .180890 .300973 .350981 .400993 .450645 .500444 .550410 .600394 .650370 .700348 .750318 .850258 .950191	X/C CP 0.000 1.035 .010307 .030870 .650904 .100828 .180859 .300924 .350944 .400885 .450530 .500410 .550387 .600373 .650359 .700345	X/C
		.800223 .900036 .950 .032 .990 .078			

X/S	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.004	. 305	.914	.005	.858	.005	.816	-005	.693
.222	068	.025	.134	.025	. 164	.025	-148	.025	.110
.338	192	.050	038	.050	092	•050	174	.050	245
. 448	300	.100	252	.100	202	.100	225	-100	261
.527	422	.120	232	. 180	297	-180	350	-180	316
.605	520	.180	278	-400	497	•300	404	. 300	377
.684	659	. 250	361	-500	618	-400	526	.400	490
.724	521	.300	415	-600	804	.500	636	-500	598
.763	190	.400	504	-650	379	.600	802	.600	394
.803	068	. 500	625	.700	204	.650	276	.650	184
.842	.028	.600	803	.750	128	.700	146	.700	063
.921	-130	.650	305	.800	047	.750	051	.750	.041
.961	. 161	.700	180	.900	.074	.830	012	.800	.135
		. 750	107	.950	.112		••••		•••
		. 800	058						
		. 900	.108						
		•950	.176						





(i) M = 0.85 - Continued

 $\alpha = 3.95^{\circ}$ :  $C_{L} = 0.365$ 

FUSELAGE  X/L CP	
.731477 .223542 0.000 .941 0.000 .989 0.000 1.024 .747807 .346659 .003 .119 .010610 .010406 .763532 .448868 .010725 .030972 .030954 .778293 .487895 .020 -1.003 .050977 .050 -1.002 .527612 .025 -1.122 .100940 .100908 .566409 .030 -1.219 .180982 .180933 .605261 .050 -1.307 .300 -1.042 .300975 .669193 .100 -1.234 .350774 .350879 .684187 .120 -1.214 .400525 .400540 .724278 .180 -1.196 .450478 .450453	CP X/C CP X/C CP X/C CP
.763333 .250918 .500461 .500438 .803326 .300934 .550433 .550432 .882597 .350940 .600415 .600412 .961157 .400986 .650398 .550401 .700377 .700378 .550468 .750338 .990249 .550416 .850309 .600415 .950265 .650391 .700395 .890297 .990167	.941

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	.051	. 005	.957	.005	907	.005	. 865	.005	.737
- 222	~.025	.025	.248	.025	.253	.025	. 245	.025	.186
-338	160	.050	.072	.050	.006	.050	037	.050	145
.448	268	. 100	151	.100	113	.100	123	.100	187
.527	394	. 120	177	-180	221	. 180	~4.75	.180	252
-605	475	.180	230	. 400	444	.300	355	.300	350
.684	614	-250	300	•500	569	•400	475	•400	462
. 724	545	. 300	360	.600	776	.500	592	.500	569
.763	206	.400	452	.650	566	.600	800	•600	516
.803	071	.500	573	. 700	234	.650	394	.650	205
. 842	. 030	.600	765	.750	137	.700	178	-	
.921	.134	.650	575	.800	065	. 750	094	.700	084
.961	.158	.700	201	-900	.078	.800	026	.750	• 0 29
		. 75 0	399	.950	.098	• 830	026	.800	-112
		.800	032	. 750	•078				
		.900	.113						
		• 95 0	. 154						





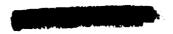
(i) M = 0.85 - Concluded

(

 $\alpha = 4.94^{\circ}$ ;  $C_{L} = 0.429$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	<b>!</b>	
FUSELAGE  X/L CP  .731451  .747753  .763652  .778335	X/C CP •223617 •346699 •448900 •487931 •527568 •566408 •605277 •669204 •684188 •724250 •763313 •803316 •882532 •961194	X/C CP 0.00G .904 .003 .030 .010796 .020 -1.074 .025 -1.189 .030 -1.280 .050 -1.367 .100 -1.309 .12G -1.312 .180 -1.280 .250 -1.042 .300732 .350668 .400647 .450611 .500579 .550533 .600499 .650467 .700422 .800366 .900313	X/C CP 0.000 -970 .010690 .030 -1.049 .050 -1.077 .100 -1.023 .180 -1.058 .300749 .350554 .400518 .450517 .500489 .550464 .600444 .650432 .700408 .750390 .850348 .950324	X/C CP 0.000 1.016 .010477 .030 -1.029 .050 -1.064 .100997 .180 -1.006 .300828 .350577 .400509 .450479 .500471 .550456 .600453 .650437 .700424 .990309	X/C
		.950279 .990236			

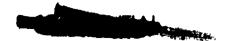
X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
.148	.093	- 005	.991	.005	. 932	.005	.920	.005	.785
•>22	.015	. 02 5	.335	.025	•331	.025	. 316	.025	.255
.338	119	•050	.143	.050	.097	.050	.027	.050	069
.448	234	•100	078	.100	023	-100	063	.100	130
• 52 7	362	- 120	099	.180	l61	.180	218	.180	199
-605	406	.180	177	.400	403	.300	314	.300	316
-684	602	•250	245	. 50ა	538	.400	430	. 400	442
•724	495	-300	309	.600	742	.500	551	.500	553
.763	205	• 40C	394	.650	716	.600	776	.600	588
-803	061	-500	524	.700	216	.650	506	.650	220
.842	.041	. 600	731	. 750	087	.700	156	.700	093
•921	.135	.650	653	.800	019	.750	063	.750	.027
.961	-151	<b>.</b> 700	204	.900	.098	.800	-008	.800	.120
		.750	097	.950	.103				
		.800	020						
		-900	.119						
		•950	•12l						



(j) M = 0.90

 $\alpha = -0.08^{\circ}; C_{L} = 0.036$ 

			r r		
	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	ŧ	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731339	.223251	0.000 1.088	0.000 1.078	0.000 1.063	0.000 1.004
.747591	.346441	•003 •607	.010087	.010 .075	.010 .195
.763675	.448555	.010126	.030367	.030346	.030355
.778834	.487500	.020466	.050381	.050472	.050467
	.527210	.025547	.100386	.100308	.100459
	<b>.</b> 566093	.030598	.180495	.180477	.180503
	<b>.605</b> 004	.050700	.300607	.300610	-300 ~-546
	.669 .017	·100528	.350625	.350629	.350529
	.684030	.120498	.400641	.400643	.400567
	.724154	.180524	.450661	.450680	.450590
	.763210	.250570	.500677	.500717	.500614
	.803196	.30015	.550705	.550768	.550650
	-882510	.350518	.600727	.630780	.600680
	.961748	.400634	.650661	.650789	.650693
		.450417	.700572	.700522	.700711
		.500265	.750637 .850487	.990059	.750721 .850241
		.550298 .600365	.950263		.850241 .950221
		.650402	. 430 203		.990191
		.700487			
		.800630			
		.900728			
		.950354			
		.990241			
			WING LOWER SURFACE	•	
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148 ~.071	.005 .755	.005 .690	.005 .618	.005 .474
	.222133	.025164	.025088	.025099	.025103
	.338 ~.249	•050 <b>354</b>	.050393	.050 <b>437</b>	.050473
	.448344	.10C441	.100419	.100423	.100470
	.527439	-120460	.180472	.180535	.180513
	.605 ~.565	· 180 - · 482	.400639	.300577	.300576
	.684 ~.705	.250510	.500729	.400650	• <b>400 -•627</b>
	.724760	.300521	.600862	.500770	-500 705
	.763810	.400590	.650446	.600517	-600835
	.803836	.500689	.700365	-650395	.650860
	.842534	.600838	.750353	.700360	.700493
	.921267	.650605	.800349	.750355	.750377
	.961187	•700 -•395 •750 -•367	.900328	.800358	.800350
		.800354	.950310		
		.900330			
		• TUU - • 3 3 U			



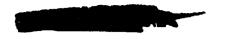
(j) M = 0.90 -Continued

 $\alpha = 1.00^{\circ}; C_{L} = 0.035$ 

		STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPFR SURFACE		•
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	359	.223329	0.000 1.375	0.000 1.068	0.000 1.068	0.000 1.000
. 747	634	.346490	•003 •507	.010218	.010025	.010 .121
. 763	754	.448614	.OlO276	.030545	.030524	.030497
.778	830	•487 -•653	.020582	.050490	.050491	.050547
		.527368	.025102	.100528	.130512	.100593
		.566198	.030784	.180609	.180567	.180595
		.605074	.050783	.300705	.300665	.300594
		.669028	.100658	.350725	.350703	.350578
		.684054	·120653	.400736	.400719	.400610
		.724169	.180614	.450745	.450748	.450621
		.763 -,233	.250644	.500737	.500770	.500649
		.803221	.300678	.550770	.550821	.550693
		.882528	.350678	.600806	.600680	.600725
		.961645	.400709	.650747	.650339	.650738
			.450723	.700369	.700299	.700670
			.500688	.750334	990143	.750308
			.550371	.850302	0,70	.850233
			.60C376	.950263		.950213
			.650404	*****		.990188
			.700493			. 770 - 1188
			.800637			
			.900429			
			•950 -•52L			
			.990175			

x/C	CP	X/C	CP	x/C	CP	x/c	CP	X/C	CP
.148	021	• 205	.816	.005	. 750	.005	.726	.005	. 554
. 222	094	. 02 5	046	.025	.028	.025	.007	.025	038
.338	214	. 35 3	178	.050	256	.050	330	.050	376
.448	304	.100	364	.100	349	-100	354	.100	390
.527	-,408	.120	376	.180	381	.180	424	.180	- 434
.605	530	. 180	389	.400	558	.300	498	.300	513
. 684	675	.250	430	.500	662	.400	598	.400	573
.724	726	•300	438	.600	825	.500	693	.500	655
. 763	/86	.400	536	.650	893	.600	861	.600	804
.803	808	.500	621	.700	462	.650	910	.050	829
.842	594	. 500	804	.750	403	•700.	842	.700	878
.921	220	.650	871	. 800	385	.750	4 86	.750	495
.961	133	.700	433	.400	339	.830	402	.800	418
		. 75 0	376	.950	305	*****	• ••		-1410
		.800	356	•					
		.900	301						
		.950	256						





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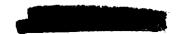
## TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

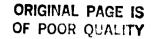
(j) M = 0.90 - Continued

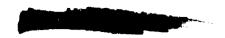
 $\alpha = 1.46^{\circ}; C_{L} = 0.060$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE		
X/L CP •731 -•354 •747 -•629 •763 -•765 •778 -•800	X/C CP .723344 .346507 .448639 .487660 .527444 .566238 .605114 .669051 .684067 .724170 .763237 .803225 .882530 .961632	X/C CP 0.000 1.068 .003 .459 .010314 .020633 .025742 .030827 .05J833 .100665 .120711 .180643 .25J666 .300701 .35)719 .400723 .451748 .500487 .550487 .550487 .550487 .550495 .800629 .900346 .950162	X/C CP 0.000 1.369 .010239 .030591 .050542 .100559 .180654 .300738 .350768 .450768 .450765 .500787 .550787 .550373 .700354 .750328 .850317 .950282	X/C CP 0.000 1.070 .010044 .030590 .050596 .100526 .180603 .300684 .350714 .400747 .450776 .500795 .550796 .600373 .650320 .700302 .990191	X/C CP 0.000 1.007 .010 .082 .030547 .050582 .100611 .180640 .300611 .350604 .450643 .500678 .550712 .600745 .650760 .700616 .750304 .850234 .950218

X/C	CP	X/C	CP	X/C	CP	X/C	<b>CO</b>		
.148	011	. 305	.852				CP	X/C	C P
			_	.005	.787	. 005	.735	.005	.588
•555	082	.025	•020	. 025	.050	.025	.030	.025	.005
.338	204	.050	136	- 053	219	.050	274	.050	341
• 448	277	.100	330	-100	326	. 130	297	.100	363
.527	397	.120	344	.180	333				
.605	513					.180	410	.180	392
		- 180	367	.400	545	.300	479	. 300	490
.684	668	. 250	393	.500	644	.400	577	.400	551
.724	719	- 300	~. 430	.600	814	•530	681	.500	645
.763	766	-400	500	.650					
.803	798				684	.600	844	- 600	793
		•500	616	.700	762	.650	891	.650	819
.842	65l	• 600	800	.750	438	.700	905	.700	870
.921	206	.65)	855	.800	400	.750	923		
.961	126	.700	862					. 750	943
				.900	352	.800	655	.800	447
		.750	397	. 950	310				•
		. 800	350						
		.900	290						
		- 950	220						





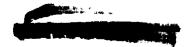


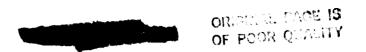
(j) M = 0.90 -Continued

 $\alpha = 1.97^{\circ}$ :  $C_L = 0.090$ 

	STATION .148	STATION .402	STATION .595	STATEON .775	STATION .913
FUS FL AGL			WING UPPER SURFACE		
X/L CP • 7313.4 • 747669 • 763806 • 778 706	X/C CP ·223354 ·346517 ·448688 ·487704 ·527556 ·566300 ·605163 ·669078 ·684085 ·724183 ·763249 ·803245 ·802546 ·961474	X/C CP 0.000 1.053 .003 .419 .010387 .020686 .025813 .030878 .050813 .100883 .120859 .180673 .250697 .300753 .400750 .450782 .500810 .550667 .600468 .650450 .700507 .800545 .900290 .950106	X/C CP 0.000 1.060 .010303 .030629 .050627 .100599 .180673 .300783 .350791 .400806 .450845 .500869 .550869 .550869 .550346 .700337 .750335 .850315 .950295	X/C CP 0.000 1.062 .010109 .030640 .050646 .100567 .180649 .300749 .350751 .400776 .450798 .500821 .500821 .500308 .700308 .700300 .990230	X/C CP 0.000 1.006 .010 .023 .030589 .050644 .100673 .180658 .300679 .350679 .350677 .500704 .550704 .550717 .700600 .750345 .850232 .950218 .990194

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.145	.012	.005	. 884	.005	.815	. 005	.772	.005	.633
.222	057	.025	.062	.025	.113	.025	. 1 05	. 0 25	.063
•338	177	.050	065	.050	181	.050	222	.050	314
. 448	271	.100	2/8	.100	265	.100	256	.100	313
.521	390	.120	290	.180	285	.190	363	.180	346
.605	496	-180	317	.400	508	.300	457	. 300	482
.684	654	- 250	351	.500	618	.433	542	.400	533
. 124	697	.300	394	.600	798	. 500	649	.500	632
.763	754	.400	486	.653	967	.670	823	.600	784
. 803	784	-500	504	. 700	896	.650	873	. 650	806
• 842	625	.600	783	.750	575	.700	888	.700	860
.921	l93	.650	940	.800	427	.750	906	.750	944
.961	1 04	.700	971	.900	350	.830	825	.800	465
		. 750	432	.950	305				
		-600	367						
		. 900	292						
		.950	205						





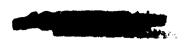
(j) M = 0.90- Continued

a = 2.47°; C<sub>L</sub>= 0.125

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE	•	
X/L CP .731382 .747670 .763862 .778626	X/C CP -223388 .346533 .448715 .487721 .527649 .566362 .605197 .669104 .724190 .763258 .803248 .882550 .961459	X/C CP 0.000 1.036 .003 .377 .010441 .020722 .025847 .030934 .050977 .100939 .120714 .180707 .250721 .300752 .350767 .400773 .450800 .500938 .550834 .600545 .650482 .700500 .800456 .900233 .950132 .990106	X/C CP 0.000 1.053 .010345 .030689 .050688 .100667 .180722 .300793 .350823 .400845 .450874 .500875 .550437 .600368 .650349 .700352 .750361 .850329 .950307	X/C CP 0.000 1.066 .010140 .030698 .050709 .100612 .180687 .300768 .350790 .400607 .450818 .550818 .550381 .600328 .650323 .700314 .390267	X/C CP 0.000 1.005 .010 .002 .030630 .050700 .100697 .300692 .350662 .400683 .450726 .550726 .550755 .600791 .650769 .700464 .750367 .850268 .950246

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 148	.024	.005	. 709	.005	.849	.005	.812	-005	.662
.222	037	. 025	.116	.025	.156	. 025	.131	.025	.087
.338	163	.050	025	.050	110	.050	164	.050	279
.448	258	. 100	246	.100	189	.100	213	.100	268
.527	377	. 120	251	-180	259	. 180	351	.180	299
.605	4 84	.180	258	. 400	498	.300	419	.300	446
.684	636	.250	328	-500	598	.400	517	.400	526
. 124	687	. 300	384	.600	176	.500	626	.500	616
.763	745	.400	475	.650	849	-600	828	.600	771
.803	775	.500	594	.700	882	.650	856	.650	791
.842	646	.600	770	. 750	895	.700	874	.700	847
. 921	178	.650	927	.600	807	.750	094	.750	934
. 961	095	. 703	864	.900	314	.820	815	.800	502
	•	.750	622	.950	2?3	1035	- 1017		302
		.800	378	• • • • •	• • • •				
		.900	273						
		. 950	201						





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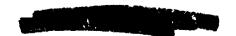
## TABLE XII. WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

(j) M = 0.90 -Continued

 $\alpha = 2.94^{\circ}$ ;  $C_{L} = 0.159$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELA	AGE			WING UPPER SURFACE	:	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	390	.723419	0.000 1.028	0.000 1.049	0.000 1.050	0.000 .997
	697	.346536	.003 .331	.010370	.010172	.010024
	.859	.448742	.010452	.030737	.030725	.030694
.778 -	.527	.481 <b>~.</b> 757	.020755	.050735	.050744	.050745
		.527754	.025880	-100695	.100676	.100733
		.566422	.030971	.187756	.180721	.180732
		.605243	.050 -1.033	.300845	.300796	.300721
		.669151	.100960	.350864	.350823	.350703
		.684129	.120966	.400882	.400831	.400717
		.724202	.180872	.450899	.450853	.450718
		.763264	.250759	.500575	.530588	.500750
		.803267	.300768	.550408	.550369	.550 -774
		.882562	.350786	.600381	.630346	.600807
		.961395	.400805	.650365	.650345	.650682
			.450824	.700361	.700337	.700460
			.500859	.750352	.990293	.750376
			.550888	.850332	4270	.850319
			.600610	.950316		.95080
			.650463	0.20		.990262
			.700397			1770 - 1202
			.800385			
			.900221			
			.950150			
			.990126			
			****			

X/C	CP	X/C	CP	x/C	CP	x/c	CP	X/C	CP
.148	.054	.035	.926	- 0 05	.872	.005	. 823	.005	.680
.222	027	. 025	-160	.025	.177	.0 ?5	.168	-025	-111
.339	155	.050	010	.050	037	.050	125	.050	197
.448	245	.100	210	.100	151	.100	176	-100	227
.521	361	. 120	214	.180	242	-180	316	. 180	295
.605	470	. 180	242	.400	454	-300	391	.300	-,435
. 684	624	.250	313	.500	573	.400	490	-400	501
.724	676	.300	360	-600	758	.503	600	-500	392
.763	733	.4C0	460	- 650	835	.600	792	.600	745
.803	762	.500	572	.700	855	.650	840	.650	777
. 842	673	-600	744	.750	875	.700	854	.700	833
.921	174	.650	912	.803	823	.750	878	.750	921
. 96 L	080	.700	852	.900	319	.800	801	.800	532
		.750	855	.953	210				
		.800	643						
		.900	253						
		• 950	176						





(j) M = 0.90 - Continued

 $\alpha = 3.95^{\circ}$ :  $C_{L} = 0.242$ 

			_		
	STATION .149	STATION .402	STATION .595	STATEON .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731408	.223484	0.000 .992	0.000 1.025	0.000 1.050	0.000 .997
.747707	.34657C	.003 .230	.010465	.010268	.010104
.763914	.448772	.010555	.030820	.030784	.030747
.778474	.487799	.020828	.050817	.050829	.050810
	.527835	.025966	.100779	.100771	.100804
	.566504	.030 -1.752	.189836	.180794	.180808
	-605339	.050 -1.112	.300913	.300862	-300801
	.669221	.130 -1.365	.350918	.350886	.350761
	.684176	.120 -1.050	.400927	.400893	-400768
	.724229	.180 -1.344	.450565	.450650	.450787
	•763 <b>-•</b> 289	•250 <b>-</b> •883	.500439	.500 <b>468</b>	.500787
	•803 <b>~•</b> 289	•300 -•816	.550415	.550 ~.406	.550814
	.882564	•350636	<b>.</b> 600 ~.406	.600389	.600694
	.96l378	.400843	.650392	.650381	<b>.</b> 650 - <b>.</b> 487
		•450 -•354	.700380	.700379	.700432
		.500837	.750367	.990342	.750406
		•:50 -•690	.850 <b></b> 365		.850386
		.6.0428	•950 <b>-</b> •348		.950344
		.650404			.990338
		• 700 - • 421			
		•800 ~ 410			
		.900330			
		.950293			
		.990265			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148 .092	.005 .981	.005 .912	.035 .886	.305 .749
	.222 .014	.025 .273	.025 .278	.025 .269	.025 .189
	.338116	.050 .082	•050 •057	.050045	.050126
	.448214	.100124	.100079	.100104	.100168
	.527329	.120117	.190193	.190246	.180253
	.605441	.180178	.400406	.300317	.300375
	.684593	.250260	.500538	.400444	.400441
	.724639	.300308	.600718	.500563	.500558
	.763702	.400404	.650791	.600 752	.600727
	.803728	.500522	.700827	.650805	.650751
	.842625	.600705	.750843	.700823	.700811
	.921137	.6507/4	<b>.800792</b>	•750 <b>848</b>	.750897
	.961049	.700812	.900295	.800766	.800513
		.750324	.950183		



(j) M = 0.90 - Continued

 $\alpha = 4.97^{\circ}; C_{L} = 0.321$ 

FUS E					3N -402	ZIMITO	N .595	214110	N .775	STATIC	N .913
	LAGE					WENG UPP	ER SURFACI	E			
X/L	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
. 731	400	.223	539	0.000	.958	0.000	1.013	0.000	1.039	0.000	.982
.747	707	.346	609	.003	.130	-010	545	.010	338	.010	186
.763	829	.448	794	-010	645	-030	~.889	.030	854	.930	817
.778	665	.487	842	•020	911	.050	907	.050	901	-050	892
		.527	872	-025	-1.019	-100	871	.100	849	-100	888
		.566	549	• 030	-1.121	- 180	902	.180	868	-180	873
		.605	383	-050	-1.188	-300	972	.300	927	. 300	850
		.669	262	- 100	-1.163	.350	~.927	.350	939	•350	815
		.684	- •2 05	.120	-1.136	-400	562	.400	816	-400	832
		. 7 24	238	.180	-1.132	-450	496	.450	518	-450	828
		.763	274	-250	-1.091	-500	460	.500	<b>~.453</b>	. 500	806
		.803	278	-300	985	-550	453	.550	432	.550	710
		. 882	481	. 35 0	748	.600	444	. 600	- •423	.600	540
		.961	526	-400	610	.650	429	.650	428	-650	474
				.450	570	. 700	424	.700	426	. 700	~.458
				.500	558	. 750	418	.990	381	.750	451
				•550	549	-850	407			.850	438
				.600	524	- 950	393			•950	416
				•650	506					•990	403
				.700	490						
				. 800	452						
				.900	420						
				• 950	387		•				
				• 990	362						

X/C	CP	x/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	•133	• 005	1.006	.005	.954	.005	.926	.005	.809
.222	.053	.025	.369	.025	.358	.025	.338	•025	.282
.338	074	.050	.176	.050	.138	.050	- 050	-050	033
.448	187	. 100	041	.1 00	-007	- 100	031	-100	100
.527	308	.120	062	.180	121	.180	180	-180	185
-605	410	.180	119	.400	363	-300	255	- 300	304
.684	550	. 250	~ .2 06	.500	491	-400	396	. 400	414
.724	617	. 300	256	.600	679	•500	514	.500	530
. 763	676	-400	373	.650	760	.600	727	-600	697
.803	697	•500	487	.700	794	.650	771	.650	724
.842	604	.600	680	.750	816	.700	790	.700	783
.921	126	.650	746	.800	762	.750	819	.750	873
.961	~-034	.700	788	.900	249	.800	738	-800	449
		. 753	797	.950	143				
		.800	750						
		.900	189						
		.950	112						







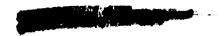
(i) M = 0.90 - Continued

 $\alpha = 5.95^{\circ}; C_{L} = 0.398$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP .731390 .747647 .763711 .778765	X/C CP •223 -•589 •346 -•651 •448 -•826 •487 -•876 •527 -•862 •566 -•546	X/C CP 0.000 .909 .003 .033 .010723 .020967 .025 -1.072 .030 -1.169	X/C CP 0.000 .977 .010631 .030954 .050964 .100948 .180977	X/C CP 0.000 1.019 .010419 .030934 .050967 .100913 .180929	X/C CP 0.000 .960 .010251 .030877 .050948 .100966 .180931
	.605387 .669272 .684221 .724225 .763256	.050 -1.252 .100 -1.224 .120 -1.216 .180 -1.198 .250969	.300921 .350603 .400523 .450513 .500493	.300980 .350903 .400569 .450513 .500490	.300904 .350878 .400870 .450785 .500631
	.803271 .882473 .961623	.300716 .350663 .400633 .450621 .500598	.550485 .600475 .650469 .700459 .750459 .850447	.550491 .600473 .650469 .700466 .990423	.550536 .600511 .650493 .700483 .750483 .850478
		.600565 .650542 .700533 .800490 .900453 .950440 .990408	950 - 429		.950460 .990447

X/C	CP	X/C	CP	x/c	CP	X/C	CP	X/C	CP
-148	-174	•005	1.039	.005	.986	.005	.968	.005	.851
.222	.091	.025	.457	.025	. 445	.025	.407	.025	.344
.338	042	.050	. 246	.050	.202	-050	-127	.050	-040
. 448	156	.100	-018	.100	- 062	-100	-031	-100	054
.527	274	.120	.007	-180	363	.150	119	-180	129
.605	373	.180	073	-400	320	-300	227	. 300	265
.684	521	- 250	156	.500	450	-490	355	-400	383
.724	591	<b>.</b> 300	218	.600	659	+500	487	.500	500
.763	649	-400	313	.650	737	.630	- 690	.600	678
.803	665	-500	457	-,700	777	-650	747	-650	703
.842	531	.600	641	. 750	787	.700	766	.700	770
.921	084	.650	703	.800	727	-750	794	.750	858
•961	009	.700	757	.900	188	.830	702	. 800	387
		.750	773	. 9 50	100				
		. 800	713						
		.900	152						

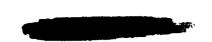




(j) M = 0.90 - Continued

 $\alpha = 6.93^{\circ}$ :  $C_{I} = 0.474$ 

			•		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	£	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731357	.223639	0.000 .857	0.300 .949	0.000 1.005	0.000 .931
.747628	.346695	.003037	.010692	.010490	-010342
.763731	.448862	.010793	.030 -1.006	.030990	.030922
.778793	-48791Z	<b>.020 -1.</b> 006	.053 -1.024	.050 -1.030	.050 -1.013
	.527745	.025 -1.124	-100 -1-003	.100960	.160 -1.028
	.566523	.030 -1.222	-160 -1.018	.180996	.180978
	.605394	.050 -1.337	.300629	.300928	.300948
	.669284	•100 -i 00	.353559	.350643 .400548	.350 ~. <b>897</b> .400 <b>799</b>
	.684233 .724223	•120 •1 217 •183 •1.17	.400545 .450530	.450534	.450674
	.763260	.250826	•500519	.500527	.500570
	.803277	.30%744	.550524	.550523	.550544
	.882496	-350695	.600515	.600513	.600532
	.961666	.400662	.650496	.650505	.650523
		.450640	.700494	.700504	.700523
		.500624	.750494	.990458	.750512
		.550616	.850485		.850505
		<b>.6</b> 00 - <b>.</b> 598	-950468		•950 -•506
		.650584			<b>.990487</b>
		.700560			
		·800 -·533			
		.900493			
		•950 -•472 •990 -•451			
			WING LOWER SURFACE	E	
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148 .203	.005 1.046	.005 1.010	.005 .982	.005 .888
	.222 .124	.525 .510	.025 .511	.025 .481	.025 .423
	.338013	.050 .302	.050 .277	.050 .197	.050 .100
	.448127	.100 .082	.100 .129	.100 .097	-100 -011
	.527250	.120 .052	.180015	.180073	.180080
	.605337	.180019	•400279	.300179	.300224
	-684500	-250108	.500418	.400308	-400352
	• 724 -• 567	.303170	.600623	.500442	.500475
	.763624	.400276	.650706	.600661	.600648
	.80365l .842417	.500418 .600607	.700739 .750757	.650722 .700733	.650678 .700741
	.921054	.650688	•800 <b>-•</b> 673	.750767	.750833
	.961 .003	.700736	.900132	.800633	.800297
	• 701 • 003	.750752	.950060	1033 - 1033	3000 1271
		.800666	.,,0 .000		
		.900100			
		.950043			
		· · ·			



ORIGINAL PARE TO

#### TABLE XII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 125 - Continued

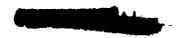
(j) M = 0.90 - Continued

 $\alpha = 7.97^{\circ}$ :  $C_{L} = 0.563$ 

	STATION .149	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	•	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731344	.2?3707	0.000 .500	0.000 .898	0.000 .968	0.000 .908
.74759	5 .346745	.003156	.010778	.010580	.010418
.76381	6 .448903	.010 ~.873	-030 -1-092	.030 -1.057	.030 -1.303
.7-8919	9 .487888	.020812	.050 -1.108	.050 -1.104	.050 -1.085
	.527579	.025 -1.068	.100 -1.381	.130 -1.041	.100 -1.090
	.566460	.030893	.180996	.180 -1.061	.180 -1.048
	.605350	.050906	.300757	.300759	.300935
	.669293	-100820	.350603	.350610	.350725
	.684240	.120898	.400587	.400585	.400622
	.724259	.180850	.450588	.450572	.450586
	.763296	.250907	. <b>5</b> 00 ~.596	.500566	.500578
	.803317	.300994	.550578	.550563	.550571
	.882566	.350955	.600581	.600546	.600565
	.961752	.400932	.650547	.650542	•650 -•553
		.450778	.700552	.700535	.700555
		.500735	.750525	.990490	.750539
		.550723	.850536		.850539
		.600662	.950510		.950541
		.650623			.990521
		.700550			
		.800594			
		.900543			
		.95)495			
		.990480			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.242	.005	1.056	.005	1.034	.005	1.007	.005	.917
.222	.148	.025	-582	.025	.571	• 025	.545	.025	. 464
.338	.017	.050	•365	.050	.352	.050	.264	.050	-174
.448	110	. 103	.148	.100	.182	. 100	.153	-100	.050
.527	230	.120	.113	.180	.036	.180	009	.180	033
-605	283	.180	.027	.400	250	.300	134	.300	195
.684	49l	•250	060	.500	381	.400	280	. 400	331
.724	556	-300	118	.600	603	.500	405	.500	447
. 763	607	- 400	242	.650	682	.600	637	-600	631
.803	631	.500	389	.703	721	.650	700	.650	654
.842	224	.600	592	.750	736	.700	716	.700	726
.921	.005	.650	671	.830	401	.750	745	. 750	732
-961	.042	.700	724	.900	074	.800	450	.800	221
		.750	727	. 950	019				
		.800	361						
		. 900	348						
		•950	.008						





(j) M = 0.90 - Concluded

 $\alpha = 8.96^{\circ}$ :  $C_{L} = 0.660$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	•	
X/L CP .731345 .747594 .763919 .778965	X/C CP .223774 .346781 .448922 .487779 .527526 .566428 .605337 .669274 .684257	X/C CP 0.000 .753 .003227 .010907 .020842 .025835 .030850 .050824 .100842 .120835 .180861	X/C CP 0.000 .869 .010828 .030 -1.131 .050 -1.147 .100 -1.130 .180 -1.071 .300680 .350637 .400633 .450632	X/C CP 0.000 .940 .010631 .030 -1.092 .050 -1.151 .100 -1.088 .180 -1.088 .300673 .350634 .400620 .450617	X/C CP 0.000 .883 .010490 .030 -1.037 .050 -1.121 .100 -1.124 .180 -1.080 .300820 .350675 .400631 .450605
	.763331 .803363 .882625 .961819	.250868 .300863 .350903 .400913 .450876 .500864 .550821 .600771 .650739 .700698 .800642 .900572 .950547	.500621 .550591 .600601 .650621 .700567 .750572 .850555 .950545	.500623 .550603 .600595 .650581 .700586 .990534	.500603 .550601 .600593 .650594 .700582 .850576 .950571

X/C	CP	X/C	CP	X/C	CP		C.D.	w 4¢	
-			-		-	X/C	CP	X/C	CP
<b>.</b> 148	.279	.005	1.072	.005	1.039	.005	1.036	.005	. 926
•555	. 193	• 02 5	.637	.025	·6 29	. 025	.594	.025	.523
. 338	.056	.050	-440	.050	.407	-050	.346	.050	. 236
.448	069	-100	.213	.100	. 24 1	.100	.214	.100	. 100
.527	187	.120	-182	.180	.085	. 180	.047	-180	-002
.605	258	.180	-081	.400	199	.300	095	.300	161
.684	462	.250	008	•500	337	.400	232	•400	290
. 724	520	. 30 0	074	.600	565	- 500	369	. 500	409
. 763	561	. 400	195	.650	651	.600	604	-600	597
. 803	572	.500	346	-700	686	.650	665	-650	625
.842	133	.600	549	.750	693	.700	675	-700	697
.921	.054	-650	631	.800	225	.750	697	. 750	396
<b>.9</b> 61	.061	.700	686	.900	307	.600	257	-800	172
		• 750	635	.950	.036	,		3000	
		-800	200						
		900	220						



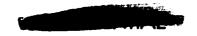


# TABLE XIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 126

(a) M = 0.775

 $\alpha = -0.05^{\circ}; C_{L} = 0.029$ 

			-		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE	ŧ	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731412	.223342	0.000 1.030	0.000 1.027	0.000 1.024	0.000 .961
.747352	.346436	.003 .496	.010275	.010072	.010 .098
.763309	.448398	.010366	.030546	.030479	.030577
.778246	.487385	.020749	.050567	.C50711	.050590
	.527337	.025793	.100533	.100492	-100403
	.566284	.030779	.180539	.180513	.180390
	.605215	.050687	.300493	.300507	.300391
	.669209	.100600	.350487	.350475	.350366
	.684219	.120579	.400477	.400459	.400360
	.724228	.180462	.450481	.450448	<b>.</b> 450 <b></b> 369
	.763162	.250478	.500472	.500446	-500365
	.803115	.300451	.550467	.550435	.550374
	.882220	.350432	.600 <b></b> 447	.600411	.600363
	.961133	.400419	-650410	.650392	.650335
		.450415	.700352	.700337	.700323
		.500425	.750284	.990 .094	.750328
		.550437	.850103		.850127
		.600439	.950 .081		.950 .054
		.650399			.990 .129
		.700365			
		-800218			
		-900032			
		.950 .069 .990 .143			
		.990 .143			
			When Amyph CHREACH		
			WING LUWER SURFACE		
	X/C CP	X/C CP	<b>X/C</b> CP	X/C CP	X/C CP
	.148161	.005 .632	.005 .570	.005 .525	.005 .387
	-222230	.025374	.025278	.025292	.025288
	.338348	-050 <b>~.</b> 500	.050518	.050592	.050564
	.448424	.100573	.100552	.100546	.100442
	.527490	.120569	.180546	.180580	-180397
	<b>.</b> 605439	.180537	.400535	.300477	.300397
	.684395	-250553	.500473	.400483	<b>.</b> 400414
	.724285	.300545	.600356	.500429	.500374
	.763179	.400547	.650208	-600311	.600253
	.803060	.500540	.700067	-650168	.650 162
	.842 .049	.600389	.750 .047	.700038	.700045
	.921 .140	.650245	.800 .132	.750 .077	.750 .084
	.961 .159	.700108	.900 .226	.800 .150	800 .182
		.750 .019	.950 .248		
		.800 .092			



.750 .800 .900 .019 .092 .202 .230 •



# (a) M = 0.775 - Continued

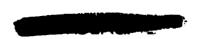
 $\alpha = 0.96^{\circ}; C_{L} = 0.154$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	:	
X/L CP	X/C CP	X/C CP	X/C C?	X/C CP	X/C CP
.731423	.223418	0.000 1 312	0.000 1.011	0.000 1.033	0.000 .975
.747358	.346520	.003 ברי,	.010492	.010284	.010099
.763316	.448457	.010588	.030882	.030 ~.786	.030776
.778244	•487 -•421	.020928	.050773	.050968	.050754
	<b>.</b> 527 <b></b> 370	.025 -1.065	.100640	.100608	.100478
	•566 -•307	.030 -1.100	.180728	.180700	.130476
	•605 -•237	.050 -1.396	.300598	.300595	.300461
	.669216	-100762	.350527	.350517	.350403
	.684232	-120662	.400532	.430498	.400411
	.724243	.180502	.450521	.450477	.450404
	.763178	.250537	.500505	.500466	.500397
	.803129	.300524	.550480	.550456	•550400
	.882219	.350489	.600464	.600430	.600389
	.961125	.400464	.650421	•650 -•405	•650 <b>-•359</b>
		.450451	.700356	.700345	.700339
		-500458	.750288	.990 .098	
		•550 -•469	.850100	.970 .098	.750343
		.600468	.950 .084		.850130
		.650418	.750 .084		•950 • <b>05</b> 4
		.700376			.990 .125
		-800221			
		•900 032			
		.950 .069			
		•990    •140			

X/C	CP	X/C	CP	x/c	CP	X/C	CP	X/C	CP
.148	113	-005	.762	.005	.721	.005	-690	.005	.543
• 222	170	. 32 5	163	.025	097	.025	081	.025	094
.338	298	•050	2 84	.050	323	.050	350	• 250	428
.448	369	. 100	452	.100	367	-100	369	.100	330
.527	424	-120	429	.187	422	.180	455	.180	~.308
.605	398	-180	437	- 400	458	.300	409	• 300	335
.684	377	.250	439	.500	439	•400	428	. 400	358
.724	269	• 300	461	.600	346	.500	402	-500	351
. 763	169	•400	487	.650	203	.630	297	.600	240
.803	049	•500	495	.700	060	.650	157	.650	152
.842	.060	.600	375	.750	•053	.730	032	. 700	042
•921	.155	. 650	229	.800	-147	.750	.089	.750	.086
.961	.168	- 700	101	.900	.241	.800	.164	.800	. 192
		.750	.024	•950	.263				
		.800	.107						
		•900	.214						







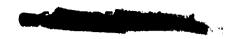
ORIGINAL FOR SECONDARY

# TABLE XIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 126 - Continued

#### (a) M = 0.775 - Continued

 $\alpha = 1.42^{\circ}$ ;  $C_L = 0.209$ 

			_		
	STATION .148	STATION .402	STATION .5%5	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	:	
X/L CP .731412 .747353 .763316 .778242	X/C CP .223452 .346584 .448478 .487315 .527381 .566315 .605244 .669228 .684241 .714239 .763180 .803134 .b ?223 .961118	X/C CP 0.000 .988 .003 .258 .010671 .020 -1.020 .025 -1.146 .030 -1.212 .050 -1.132 .100 -1.006 .120943 .180686 .250542 .300538 .350503 .460480 .450466 .500469 .550469 .550469 .550422 .700380 .800221 .900029 .950 .//70	X/C CP 0.000 1.009 .010579 .030978 .050843 .100835 .180812 .300619 .350543 .400534 .450531 .500512 .550496 .600471 .650420 .700353 .750279 .850098	X/C CP 0.000 1.024 .010357 .030935 .050 -1.004 .100816 .180768 .300598 .350530 .400509 .450478 .550478 .550466 .600434 .650406 .700342 .990 .096	X/C CP 0.000 .972 .010172 .030902 .050909 .100759 .180492 .300481 .350421 .400421 .450421 .500407 .550416 .600404 .650365 .700347 .750341 .850130 .950 .052 .990 .124
	X/C CP .148090 .222158 .338262 .448342 .527403 .605388 .684361 .724265 .763166 .803042 .842 .064 .921 .157 .961 .178	X/C CP .005 .805 .025074 .050216 .100380 .120383 .250424 .300424 .400444 .500472 .600372 .650224 .700095 .750 .034 .800 .114 .900 .220	X/C CP .005 .778 .025020 .050275 .100347 .183381 .400437 .500429 .600346 .650203 .700058 .750 .057 .800 .150 .900 .246	X/C CP .035 .716 .025017 .050292 .100316 .180378 .300375 .400414 .500386 .600292 .650158 .700031 .750 .090 .800 .164	X/C CP .005 .625 .025030 .050345 .100290 .180277 .300313 .400342 .500339 .600238 .650149 .700038 .750 .090 .800 .195

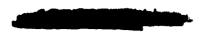


# (a) M= 0.775 - Continued

 $a = 1.89^{\circ}; C_{L} = 0.265$ 

	STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	Ē	
FUSELAGE  X/L CP .731407 .747359 .763314 .778242	X/C CP .223484 .346653 .448502 .487454 .527392 .566251 .669231 .684244 .724250 .763179 .803130 .882223 .961118	X/C CP 0.000 .972 .003 .192 .010782 .020 -1.056 .025 -1.239 .030 -1.322 .050 -1.275 .100 -1.074 .120 -1.026 .180966 .250536 .300511 .350500 .400483 .450471	X/C CP 0.000 .991 .010660 .030 -1.084 .050 -1.074 .100921 .180926 .300633 .350520 .400511 .450515 .500509 .550494 .600464 .650417 .700352	X/C CP 0.000 1.019 .010439 .030 -1.085 .C50 -1.160 .130892 .180908 .330676 .350479 .490498 .450491 .500479 .550466 .600435 .650408	X/C CP 0.300 .969 .010254 .030 -1.014 .050 -1.004 .100932 .180463 .300495 .350436 .400434 .450429 .500422 .550423 .600410 .650372 .700348
		.500474 .550480 .600486 .650423 .700379 .800219 .900032 .950 .070	.750281 .850099 .950 .078	.990 .097	.750347 .850133 .950 .046 .990 .120

X/C	CP	X/C	C P	X/C	CP	x/c	CP	X/C	CP
.148	057	•005	.852	. 0 0 5	.807	.005	.788	.005	.647
• 555	130	- 02 5	.001	.025	.061	.025	.067	.025	.057
.338	240	.050	126	• 0 50	175	.050	189	.050	249
.448	323	.100	345	.100	257	.130	252	.100	261
• 52 7	384	.120	317	.180	326	.180	331	-180	245
.605	371	- 180	339	.400	412	.300	351	.300	302
. 684	349	.250	370	. 500	415	.400	378	.400	324
.774	250	.300	394	.600	337	-500	371	.500	330
. 763	157	. 400	432	.650	192	.600	287	.600	229
.803	031	.500	450	.700	052	.650	153	•650	141
. 842	.069	.600	302	. 750	.064	.700	026	.700	036
.921	-159	-650	217	. 800	.153	.750	. 294	.750	.392
.961	.179	. 700	085	.900	.251	.830	.173	.800	-196
		.750	.035	.950	. 271	••••	••••		•••
		. 800	.115						
		.930	. 223						
		•950	.247						



(a) M = 0.775 - Continued

 $\alpha = 2.46^{\circ}; \quad C_{L} = 0.341$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL 4 GE			WING UPPER SURFACE	<b>:</b>	
X/L CP .731435 .747365 .763308 .778241	X/C CP .223530 .346695 .448533 .487472 .527409 .566335 .605256 .669240	X/C CP 0.000 .925 .003 .113 .010840 .020 -1.150 .025 -1.321 .030 -1.414 .050 -1.459 .130 -1.186	X/C CP 0.000 .970 .010762 .030 -1.128 .050 -1.165 .100 -1.066 .180 -1.041 .300963 .350544	X/C CP 0.030 1.009 .010513 .030 -1.121 .050 -1.271 .100 -1.035 .150 -1.029 .300 -1.042 .350 -638	X/C CP 0.000 .955 .010326 .030 -1.065 .050 -1.129 .100 -1.091 .180895 .300489 .350438
	.684249 .724247 .763181 .803142 .882212 .961111	.120 -1.133 .180999 .250927 .300595 .350471 .400462 .450459 .500464 .550478 .600468 .650417 .700374 .800217 .900029	.400467 .450462 .500455 .550467 .600442 .650410 .700349 .750278 .850094	.400425 .450399 .500448 .550418 .650395 .700340 .990 .099	.400432 .450434 .500422 .550431 .600410 .650374 .700355 .750351 .850137 .950 .044
		.950 .070 .990 .136			

X/C	CP	X/C	CP	x/C	CP	X/C	CP	X/C	CP
. 148	041	.005	.907	.005	. 958	.005	.842	-005	.711
.222	101	. 025	. 389	.025	.149	.025	.141	.025	.127
.338	214	.050	072	.050	126	•050	162	.050	208
.448	2 94	.100	263	.100	184	.100	191	.100	193
.527	357	.120	259	.180	272	. 190	262	-180	203
•605	353	.180	291	. 400	389	.300	306	.300	265
.684	330	.250	328	.500	391	.400	353	-400	309
.724	242	. 300	348	.600	319	.500	348	- 500	311
.763	148	.400	390	-650	187	-600	273	.600	~. 216
. 803	~.028	.500	417	. 700	043	-650	140	-650	136
.842	.078	.600	350	. 750	.368	.730	021	.700	031
.921	-167	.650	-•509	.800	·164	.750	-101	.750	. 096
.961	. 185	. 703	380	.900	. 261	.830	.178	-500	-205
		.750	.044	.950	.276				
		. 620	.127						
		- 900	- 234						



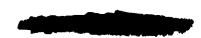
(a) M = 0.775 - Continued

 $\alpha = 2.96^{\circ}$ ;  $C_{L} = 0.405$ 

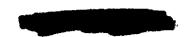
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	:	
X/L CP .731425 .747353 .763305 .778236	X/C CP .223555 .346735 .448632 .487522 .527429 .566343 .605267 .669244 .684252 .724250 .763184 .803145 .882210 .961105	X/C CP 0.000 .906 .003 .008 .010916 .020 -1.241 .025 -1.390 .030 -1.477 .050 -1.521 .100 -1.399 .120 -1.266 .180 -1.041 .250 -1.019 .300886 .350494 .400445 .450444 .500445 .450451 .600452 .650451 .600365 .800212 .900027 .950 .970 .990 .139	X/C	X/C CP 0.000 1.002 .010593 .030 -1.206 .050 -1.364 .100 -1.129 .180 -1.107 .300 -1.125 .350 -1.106 .400484 .450401 .500377 .550389 .600379 .650363 .700317 .990 .096	X/C CP 0.000 .942 .010383 .030 -1.135 .050 -1.194 .100 -1.119 .180 -1.029 .300498 .350445 .400437 .450432 .500424 .550429 .600418 .650363 .700362 .750356 .850141 .950 .042 .990 .117

#### WING LOWER SURFACE

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
-148	011	- 005	.926	.005	.890	.005	.873	.005	- 756
• 222	070	.025	.183	.025	.188	.025	.221	.025	.175
. 338	194	. 05 0	009	.050	034	.050	081	.050	140
.448	270	-100	196	. 100	133	.100	128		
.527					-			<b>.</b> 100	153
	333	.120	208	.182	236	.180	237	.180	187
- 60 5	331	. 150	252	.400	356	. 300	272	.300	245
.684	331	.250	302	.500	354	.430	335		
.724	232		–		•			-400	291
		.300	319	- 600	314	.500	333	•500	287
. 763	144	<b>.40</b> 0	375	.650	176	.600	261	.670	211
. 803	026	.500	399	.700	040	.650	134	-630	127
. 842	.078	.600	338	. 75 3					
					. 277	.730	018	.700	029
.921	• l 69	.650	206	-800	. 1 66	- 750	.106	.750	.102
.961	-182	.700	378	. 900	.265	.830	. 182	. 800	.207
		.750	. 352	.950	-			. 000	.201
				• 430	. 285				
		. 830	-130						
		.900	. 238						
		.950							
		.420	• 262						



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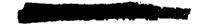


### (a) M = 0.775 - Continued

 $\alpha = 3.93^{\circ}; C_{L} = 0.527$ 

	STATION .149	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	<b>!</b>	
FUSELAGE  X/L CP .731442 .747353 .763300 .778232	X/C CP -223600 -346815 -448757 -487611 -527479 -566380 -605289 -669265 -684263 -724251 -763198 -803151 -882197 -961093	X/C CP 0-303 -841 -003122 -019 -1.043 -020 -1.342 -025 -1.502 -030 -1.577 -050 -1.658 -100 -1.578 -120 -1.537 -18C -1.258 -250 -1.100 -300 -1.123 -350 -1.105 -000571 -450439 -500415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -550406 -600415 -650375 -700340 -800202 -900024 -950024 -950024	X/C CP 0.000 .922 .040943 .030 -1.327 .C50 -1.345 .100 -1.257 .180 -1.253 .300 -1.268 .350 -1.268 .350 -1.260 .400878 .450674 .500570 .550478 .600383 .657311 .700260 .750195 .850067	X/C CP 0.930 .963 .010710 .030 -1.321 .050 -1.455 .130 -1.262 .180 -1.270 .300 -1.276 .350 -1.270 .406 -1.029 .450628 .500529 .550432 .600356 .650297 .700252 .990 .088	X/C CP 0.000 .911 .01049C .030 -1.266 .050 -1.290 .100 -1.267 .180 -1.153 .300919 .350616 .400445 .450419 .500417 .550427 .600418 .650381 .700367 .751364 .850354 .950 .034

X/C	CP	X/C	CP	x/c	CP	X/C	CP	X/C	CP
.148	.034	.005	973	• 005	.933	•005	.934	.005	.814
.222	031	. 225	. 300	.025	.321	.025	.317	• 02 5	.271
. 338	140	-050	.095	. 0 50	. 084	.050	.034	•050	014
.448	231	-100	115	-100	041	.130	046	. 100	103
•527	293	- 120	111	.180	150	.180	162	-180	129
. 605	- •3 02	.180	175	-400	304	.300	226	.300	210
.684	299	.250	226	• 500	322	.400	286	-400	260
.724	212	- 30 0	258	-600	284	.500	308	.500	269
. 763	122	- 400	320	.650	161	-600	249	-600	192
. 803	015	.500	36 l	.700	028	.650	122	.650	116
.842	•090	•600	309	. 750	.081	.700	008	.700	023
.921	.182	-650	186	. 800	.177	. 750	-113	. 750	-101
.961	• t 91	- 700	065	.900	.272	-830	-192	.800	. 210
		. 750	.061	. 950	.280				
		-800	-147						
		.930	.252						
		.950	.271						





# (a) M= 0.775 - Concluded

 $\alpha = 4.93^{\circ}; \quad C_{L} = 0.591$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFAC	£	
*/L CP	X/C CP .223677 .346845 .448927 .487634 .527487 .566379 .605292 .669259 .724246 .763186 .803151 .882194 .961097	X/C	X/C CP 0.000 .873 .010 -1.050 .030 -1.436 .050 -1.418 .100 -1.378 .180 -1.372 .300852 .350739 .400701 .450672 .500630 .550507 .600499 .650433 .700373 .750315 .850213 .950138	X/C CP 0.000 .944 .010822 .030 -1.388 .050 -1.338 .100 -1.315 .300 -1.281 .350796 .400710 .450663 .500600 .500530 .600440 .650362 .750281 .990 .004	X/C
	X/C CP -148 -085 -222 -012 -338 -106 -448 -192 -527 -262 -605 -283 -684 -288 -724 -209 -763 -122 -803 -011 -842 -101 -921 -184 -961 -194	X/C	X/C CP	X/C CP .005 .957 .025 .412 .050 .111 .100 .019 .180112 .300187 .400260 .500293 .500260 .500260 .500143 .700026 .700 .093 .800 .169	A/C CP .005 .856 .025 .351 .050 .053 .100038 .180093 .300189 .500266 .600199 .650122 .700032 .750 .094 .800 .209



(b) M = 0.80

 $\alpha = -0.07^{\circ}$ ;  $C_{L} = 0.020$ 

			2		
	STATION .149	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731464	.223336	0.000 1.042	0.000 1.034	0.000 1.028	0.000 .966
.747369	.346454	.003 .518	.010217	.0100 <b>50</b>	.010 .098
.763314	.448415	.010349	.030527	.030445	.030499
.778236	.487386	.020660	.050577	.050725	.050594
	.527336	.025757	-100527	.100473	-i00419
	.566273	.030818	.180558	.190546	.180416 .300435
	.605203	-050715	.300579 .350501	.300617 .350502	.300435 .350383
	.669202 .684228	.100613 .120605	.400501	.400485	.400383
	.724266	.180519	.450508	.450482	.450387
	.763197	.250 ~.470	.500506	.500472	.500384
	.803145	.300473	.550504	.550464	.550396
	.882230	.350450	.600495	.600439	.600387
	.961128	<b>.</b> 400428	.650436	.650407	.650353
		.450427	.700352	.700342	.700329
		-500446	.750280	.990 .093	.750331
		.550464	.85G089		.850119
		•600 <b>-•</b> 499	.950 .390		.950 .063 .990 .135
		.650454 .700393			.770 £133
		.800216			
		.900320			
		.950 .078			
		.990 .149			
			WING LOWER SURFACE	:	
	X/C CP				
	.148164	.005 .659	.005 .578	.005 .546	-005 -392
	.222224	.025355	.025269	.025269	.025262
	.338351	.050473	.050524	.050623	.050628
	.448450	.100612	.100581	.100583	.100476
	.527542	-120609	.180 ~.545	.180644	.180442
	.605470	-180519	.400578	.300548	.300413
	.684419	.250575	•500 <b>-•</b> 500	.400501	.400435 .500402
	.724285 .763177	.300606 .400662	.600348 .650193	.500456 .600300	.500402 .600262
	.803062	•500 -•579	.700052	.650158	.650161
	.842 .040	.600381	.750 .044	.700030	.700041
	.921 -137	.650226	.800 .126	.750 .082	.750 .083
	.961 .163	.700395	.900 .218	.800 .154	.800 .179
		.750 .022	.950 .247		
		.600 .089			
		.900 .194			
		.950 .231			



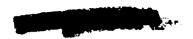
(b) M = 0.80 - Continued

 $\alpha = 0.92^{\circ}; \quad C_{L} = 0.146$ 

		STATION .148	STATION .402	STATION .595	STATION -775	ESP. MOITATE
FUS	ELAGE			WING UPPER SURFACE	<u>.</u>	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	497	.223411	0-000 1-028	0.000 1.027	0.030 1.039	0.000 .973
.747	369	.346577	-003 -366	.010404	.010223	.010057
. 763	311	.448461	.010505	.030851	.030713	.030769
. 778	234	.487418	-020852	.050711	.050906	.050712
		.527360	-025970	.100709	.100555	-100670
		.566294	.030 -1.031	.180711	.180712	.180475
		.605221	-050995	.300123	.300778	.300512
		.669212	-100748	.350557	.350667	.350416
		.684238	.120735	.400533	.430477	.400415
		.724282	.180710	.450533	.450448	.450415
		.763218	.250564	.500519	.530455	.500409
		.803172	• 300 -• 503	.550513	.550468	.550420
		.882234	.350486	.603494	.600448	.600405
		.961117	.400463	.650435	.650415	.650368
			.450464	.703347	.700345	.700350
			.500461	.750277	.990 .100	.750346
			•550 <b>48</b> 3	.850085		.850121
			.6CO529	.950 .091		•950 •062
			.650465			.990 .134
			.700397			
			-800210			
			.900017			
			.950 .281			
			.990 .145			

X/C	CF	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	102	.005	. 756	.005	.720	.005	.652	.005	.545
.222	174	.025	147	.025	115	-025	093	.025	101
.338	296	-050	306	.050	323	.050	384	.050	449
.448	395	-100	462	.103	407	.130	413	.100	383
.527	478	-120	461	.180	460	.130	526	.180	354
.605	449	.180	449	-400	520	.333	449	.300	374
.684	404	. 250	490	.500	503	. 400	485	.400	398
.724	276	.300	512	.600	351	•530	438	.500	380
. 763	169	.400	. F34	.650	203	.630	302	.600	253
.803	051	.500	· 35.70	.700	053	.650	160	.650	155
.842	. 058	.600	375	.750	.053	. 720	027	.700	036
.921	.147	.600	233	.800	.141	.750	.083	.750	.090
.961	.173	.700	093	.900	.232	.800	.162	.800	.191
		.750	.030	.950	. 258				
		.800	.101	34					
		900	212						



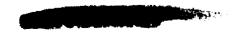


#### (b) M = 0.80 - Continued

α =1.45°; C<sub>L</sub>=0.217

		STATION .148	STATION .402	STATION .595	STATION .775	STATION -913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	519	.223449	0.300 1.006	0.000 1.017	0.000 1.030	0.000 .973
.747	378	.346 ~.674	.003 .316	-010540	.010295	.010133
. 763	308	.448482	-010606	.030910	.030894	-030843
.778	235	.487439	.020912	.050855	.050965	.050 ~.886
		.527374	.025 -1.105	-100807	.100795	.100841
		.566302	.030 -1.144	.180824	.180763	.180522
		.605231	-050 -1-107	.300850	.300879	.300598
		.669226	.100963	.350750	.350880	.350479
		.684246	•120 -•90l	• <b>40</b> 0547	.400659	.400 ~.425
		.724283	-180868	.450504	.450417	.450 ~.419
		.763213	. 250 934	.500480	.500385	.500415
		.803165	.300575	.550 ~.485	.550420	.550429
		.8822 <b>2</b> 9	.350477	.60047l	.600426	.600409
		.961115	.400457	.650417	.650395	.650373
			.450455	.700349	.700336	.700355
			.500464	.750269	.990 .106	.750344
			.550 ~.490	.850082		.850125
			.600536	.950 .093		.950 .059
			.650470			.990 .130
			.700397			
			.800215			
			.900317			
			.950 .079			
			.990 .142			

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	073	.005	.812	.005	. 758	-005	-715	.005	.617
. 222	152	.025	085	.025	- 023	.025	014	.025	024
.338	261	.050	217	.050	282	- 05 0	296	.050	371
.448	365	.100	407	. 100	342	-100	327	.100	313
-527	448	.120	365	.183	385	-190	~.409	.180	300
-605	429	. 180	399	.400	497	.300	410	.300	341
.684	391	.250	431	.500	476	. 400	444	.400	379
•724	270	.300	456	.600	352	.500	420	.500	366
.763	159	.400	502	.650	194	.600	299	.600	246
.803	045	• 500	547	.700	050	.650	157	.650	150
. 842	. 061	-600	375	.750	.056	. 700	026	.700	040
.921	.160	.650	226	.800	.147	.750	.089	.750	-089
.961	.175	.700	088	.900	.245	-800	- 165	.800	.192
		.750	.036	.950	. 262				
		. 500	.114						
		. 900	.218						
		• 950	.242						





#### (b) M = 0.80 - Continued

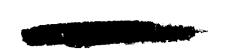
 $\alpha = 1.96^{\circ}; C_{L} = 0.286$ 

			_		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731514	-223482	0.000 .976	0.000 1.006	0.000 1.028	0.000 .972
.747378	.346645	.003 .208	.010615	.010370	.010210
.763306	.448622	-010724	-030 -1-001	.030967	.030929
.778235	.487477	-020983	.050991	.050 -1.088	.050977
	.527394	.025 -1.151	.10Q 869	.100824	.100921
	.566315	-030 -1-240	.180934	.180923	.180839
	•605 <b></b> 244	.050 -1-199	.300963	.300926	.300628
	•669 -•232	-100 -1-017	<b>.</b> 350 <b>9</b> 92	<b>.</b> 350 - <b>.</b> 932	.350 <b>579</b>
	<b>.684251</b>	.120987	• <b>400</b> -•924	.400922	.400458
	.724296	.180912	<b>.450518</b>	.450579	.450418
	.763228	•250 <b>8</b> 95	.500442	.500395	.5004 <b>0</b> 9
	.803169	-300881	<b>.</b> 550421	.550364	.550423
	.882227	.350568	.600429	<b>.60037</b> 2	.600410
	.961109	-400442	-650386	<b>.</b> 650362	.650376
		.450422	.700330	.700313	.700355
		•500 ~•456	<b>.</b> 750 - <b>.</b> 256	.990 .106	.750349
		-550480	-850081		.850124
		.600504	.950 .090		.950 .058
		.650453			.990 .127
		.700401			
		.800210			
		.900017			
		.950 .077			
		.990 .142			
			WING LOWER SURFACE	•	
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148052	.005 .865	.005 .798	.005 .800	.005 .630
	.222117	.025 .036	.025 .090	.025 .068	.025 .057
	.338237	.050119	.050185	.050224	.050279
			4474 4707	4070 OFF4	+474 -4517

#### .050 -.119 .100 -.345 .120 -.325 .180 -.341 .250 -.396 .300 -.428 .400 -.465 -.185 -.264 -.347 -.451 .050 -.274 .100 -.274 .180 -.374 .448 -.330 .527 -.412 .605 -.398 -100 .100 -.266 -180 .180 -.273 -400 .300 -.369 .300 -.314 .684 .724 -.375 -.258 - 500 -.440 -400 -.424 .400 -.752 -500 -600 -. 341 -.406 .500 -.343 .763 -.150 .650 --187 .600 -.291 .600 -.237 -.036 -500 .803 -.497 .700 -.045 .650 -. 147 .650 -.142 .842 .068 .600 -.366 .750 .065 .700 -.021 .700 -.034 .099 .095 .921 .163 -650 -.214 .800 . 154 .750 .750 .961 .181 .700 -.083 .900 .253 .830 .800 . 198 .750 .043 . 950 .273 -800 .123 .900 .226

.950

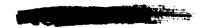
.257



(b) M = 0.80-Continued

 $\alpha = 2.43^{\circ}; \quad C_{L} = 0.348$ 

			L		
	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731515	.223506	0.000 .958	0.000 .995	0.000 1.015	0.000 .963
.747371	.346703	.003 .173	.010657	.019413	.010245
.763299	.448756	-010766	.030 -1.039	-030 -1-039	.030969
.178233	.487534	.020 -1.038	.050 -1.047	.050 -1.179	.050 -1.036
	.527425	.025 -1.223	.100984	.100950	.100998
	.566332	.030 ~1.300	.180 -1.302	.180950	.180922
	.605251	.050 -1.348	.300 -t.048	.300 -1.003	.300 →.702
	•669 -•239	.100 -1.187	.350 -1.046	.350 -1.016	.350604
	.684255	.120 -1.133	.400 -1.065	.400 -1.028	.400545
	.724304	.180954	.450830	.450 ~.989	.450439
	.763223	. 250 934	.500516	.500475	-500406
	.803180	.300954	.550410	.550365	.550419
	.882222	.350963	.600372	.600321	.600404
	.961102	.400544	.650336	.650308	.650373
		.450430	.700305	.700273	.700354
		.500412	.750234	.990 .104	.750347
		.550461	.850080		.850128
		.600494	.950 .089		.950 .053
		.650438			.990 .126
		.700380			
		.800203			
		.900317			
		.950 .077			
		.990 .141			
			WING LOWER SURFACE		
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	.148037	.005 .887	.005 .829	.005 .814	.005 .687
	.222105	.025 .075	.025 .122	.025 .109	.025 .096
	.338206	.050061	.050131	.050163	.050242
	.448301	.100281	.100222	.100217	.100235
	.527387	•120 <b>-</b> •266	.180291	.190320	.180248
	-605388	.180306	.400420	-300347	.300299
	.684363	.250352	.500427	.400397	.400339
	•724 -•252	.300389	.600337	•500 <b>-•3</b> 96	.500335
	.763146	.400433	.650187	<b>.</b> 600 - <b>.</b> 288	·600 <b>~.</b> 231
	.803025	<b>.</b> 500 - <b>.</b> 474	.700041	.650145	.650139
	.842 .082	.600360	.750 .070	.700OL8	.700029
	.921 .169	.650211	.800 -162	.750 .101	.750 .098
	.961 .184	.700076	.900 .257	.800 .181	.800 .201
		.750 .047	.950 .276		



.950

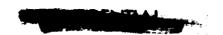
•162 •257 •276

.600 .650 .700

.800 .900 .950 .047

.131 .238 .261

17.



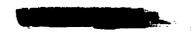
(b) M = 0.80 - Continued

 $\alpha = 2.97^{\circ}; \quad C_{L} = 0.421$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP • 731540 • 747361 • 763295 • 778222	X/C CP .223528 .346746 .448758 .487719 .527477 .566358 .605272 .669252 .684264 .724284 .724284 .763232 .803175 .882216 .961098	X/C CP 0.000 .944 .003 .098 .010841 .020 -1.137 .025 -1.272 .030 -1.362 .059 -1.432 .100 -1.318 .120 -1.275 .180971 .250984 .300 -1.008 .350 -1.002 .400777 .45049 .500429 .550440 .600456 .650400 .700357 .800199 .900017 .950078	X/C CP 0.000 .977 .010736 .030 -1.116 .050 -1.109 .10C -1.056 .180 -1.052 .300 -1.123 .350 -1.102 .400 -1.118 .450 -1.131 .500651 .550651 .550487 .600377 .650321 .700256 .750199 .850062 .950 .085	X/C CP 0.000 1.015 .010477 .030 -1.110 .050 -1.245 .100 -1.022 .180 -1.014 .300 -1.087 .350 -1.089 .450 -1.068 .500577 .550442 .600342 .650291 .700254 .990 .099	X/C

X/C	CP	X/C		w 4.6					
	-		CP	X/C	CP	X/C	CP	X/C	CP
-148	.005	-005	.913	• 005	.873	.035	.851	.005	.733
•222	070	• 0 25	-160	.025	-205	.025	.178	.025	. 167
.338	184	.050	. 306	.050					
					043	.050	085	-050	149
•448	282	-100	l98	. 100	153	.100	157	-100	187
-527	356	.123	219	.180	238	.180	263	.180	210
-605	354	- 180	268	.400	387				
.684						.300	316	.300	278
-	344	• 250	304	.500	400	.430	364	.400	319
• 7 24	241	•300	339	. 600	324	.500	366	.500	321
• 763	143	.400	401	•650	180	.600	280		
.803	017	• 500	443					.600	220
				- 700	039	•650	139	.650	133
. 842	.065	.600	354	. 750	• 376	.730	015	.700	031
•921	. 179	.650	201	.800	.168	.750	.106		
.961	. 191	.700	064					.750	-100
.,	• 171			•900	• 2 70	.800	.186	.800	-206
		.750	. 355	• 950	. 285				
		.80 J	.132						
		• 900	-24C						
		. 950	• 26 <b>3</b>						





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# TABLE XIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 126 - Continued

(b) M = 0.80 - Continued

 $\alpha = 3.93^{\circ}; C_{L} = 0.507$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS ELAGE			WING UPPER SURFACE	Ē	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731503	.223592	0.000 .889	0.000 .939	0.000 .996	0.000 .935
.747353	.346770	.003036	.010833	.010600	.010403
.763299	.448903	.010924	.030 -1.207	.030 -1.193	.330 -1.132
.178225	.487806	.020 -1.214	.050 -1.206	.050 -1.329	.050 -1.194
	.527563	.025 -1.370	•100 <del>-</del> 1•152	-100 -1-130	.100 -1.151
	.566406	.030 -1.468	-180 -1.153	.180 -1.145	.180 -1.079
	.605299	.050 -1.521	.300 -1.198	.300 -1.175	.300 <del>9</del> 66
	•669 -•265	.100 -1.461	.350 -1.213	.350 -1.167	.350896
	.684270	.120 -1.433	.400892	.400841	.400755
	.724279	.180 -1.355	.450639	.450610	.450473
	.763215	.250 -1.049	.500593	.500541	.500389
	.903174	.300 -1.062	.550546	.550499	.550390
	.882205	.350 -1.367	-600485	.600450	.600394
	.961092	.400 -1.059	.650423	.650392	.650378
		.450622	.700345	.700332	.700360
		.500457	.750280	.990038	.750365
		.550401	.850151	• / / • • • • • • • • • • • • • • • • •	.850154
		.600385	.950031		.950 .029
		.650371	*****		.990 .098
		.700338			. 470 .076
		.800205			
		.900027			
		.950 .061			
		.990 .133			

X/C	CP	X/C	CP	X/C	CP	x/C	CP	X/C	CP
.148	• 0 38	- 205	.961	.005	.924	.005	.898	.005	.793
• 222	033	.025	.289	.025	. 296	.025	.296	.025	. 252
.338	148	.050	.078	.050	.043	.050	.002	.050	070
.448	246	.100	137	-100	075	- 100	081	.100	127
. 527	321	,120	132	.180	190	-180	201	.180	174
.605	331	.180	182	-400	350	.300	261	.300	254
.684	325	.250	252	.500	381	.400	336	. 400	307
.724	232	. 300	292	.600	339	.500	371	.500	315
. 763	139	.400	356	.650	204	.600	296	.600	226
.803	013	•500	418	.700	057	.650	163	.650	145
.842	.094	-600	355	. 750	.045	.700	050	.700	042
.921	.176	.650	206	.800	. 147	.750	.082	.750	.088
.961	. 1 94	.700	068	.900	.233	.800	.162	.800	.200
		.750	.054	.950	.251				
		.800	.132						
		.930	.247						
		.950	.266						





(b) M = 0.80 - Concluded

 $\alpha = 4.94^{\circ}; \quad C_{L} = 0.549$ 

	STATION .148	STATEON .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	•	
X/L CP .731439 .747354 .763322 .778241	X/C	X/C	X/C CP 0.000 .908 .010947 .030 -1.291 .100 -1.243 .180 -1.245 .300749 .350666 .400640 .450617 .500581 .550544 .600515 .650471 .700434 .750377 .850291	X/C CP 0.000 .962 .010685 .030 -1.281 .050 -1.406 .130 -1.219 .180 -1.221 .300 -1.207 .350952 .400679 .450610 .50058? .550526 .600472 .650413 .700330 .990081	X/C CP 0.000 .900 .910487 .030 -l.213 .050 -l.271 .10c -l.259 .180 -l.170 .300 -l.063 .350950 .400655 .450420 .500381 .550396 .600399 .650382 .700366 .750370 .850168 .950 .006
		•900128 •950079 •990032			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.088	- 00 5	.996	.005	.963	-005	.952	.005	. 836
• 222	•002	.025	• 36B	- 025	.395	.025	.362	. 025	.325
. 338	117	• 05 0	.180	•0 50	.130	.050	.095	.050	.010
.448	217	-100	251	.100	011	.100	015	.100	078
.527	296	-120	072	.180	122	-180	161	. 180	115
• 605	~.320	- 180	149	.400	320	.300	238	.300	- 227
.684	326	- 250	209	.500	377	.400	324	.400	289
.724	234	•300	252	.600	367	.500	363	-500	308
.763	139	-400	325	.650	229	•600	315	•600	232
.803	024	• 500	398	.700	084	.650	170	-650	150
.842	.083	.600	370	.750	.022	.700	058	.700	045
.921	.172	.650	234	.800	-113	.750	.071	.750	.084
.961	.183	.700	101	.900	.189	.800	. 145	.800	-194
		. 750	.031	.950	. 185		• • • •		• 4 74
		.800	•110						
		.900	.205						
		. 950	-208						







(c) M = 0.825

 $\alpha = -0.06^{\circ}; C_{L} = 0.004$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
FUSELAGE  X/L CP  .731519  .747556  .763292  .778216	X/C CP •223336 •346513 •448418 •487377 •527325 •566252 •605183 •669175 •684213 •724289 •763263 •803246 •882257	X/C CP 0.00C 1.055 .003 .541 .010304 .020608 .025701 .030763 .050733 .100571 .120587 .180626 .250563 .300459	WING UPPER SURFACE  X/C CP  0.000 1.042  010231  030516  050553  1100512  180607  300661  350518  400516  450539  500569  550585	X/C CP 0.000 1.038 .010024 .030440 .050716 .100461 .180611 .300687 .400706 .450624 .500467 .550439 .600451	X/C CP 0.000 .970 .010 .102 .030533 .050550 .100465 .180444 .300570 .350525 .400428 .450398 .500389 .550409
	.961110	.400421 .450415 .500425 .550460 .600534 .650542 .700613 .800196 .900 .002 .950 .093 .990 .150	.650533 .700343 .750251 .850063 .950 .105	.650451 .650426 .730338 .990 .137	.600407 .650365 .700343 .750335 .850107 .950 .075 .990 .142

#### WING LOWER SURFACE

X/C	CP	x/c	CP	X/C	CP	X/C	CP	X/C	60
-148	145	- 00 5	.680	.005	.614	.005	•562	.005	CP •406
.222	206	•025	313	.025	195	.025	230	.025	217
• 338	340	• 05 0	446	- 0 50	509	-050	581	-050	585
.448	428	.130	583	-105	566	-1 00	567	-100	540
.527 .605	554	- 120	599	.180	594	-180	632	-180	560
.684	647 618	-183	579	-400	705	•300	654	.300	544
.724	275	.250 .300	578	• 500	789	•400	732	.400	535
.763	164	•400	603 684	.600 .650	280 162	.500	688	. 500	438
. 803	065	•500	772	.700	062	.600 .650	247	-600	259
.842	.020	•600	348	.750	006	.730	131 022	.650 .700	156
.921	-131	.650	200	. 800	.049	.750	.065	.750	032 -081
- 96 1	.158	.700	119	.900	.164	.800	.123	.800	-165
		. 750	041	.950	. 195			*****	•.0,
		. 800	-014						
		•900	.118						
		• 95 0	.198						

(17)

.650

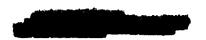
. 750

.800

-.151

-.030

.091



#### TABLE XIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 126 - Continued

(c) M = 0.825 - Continued

 $\alpha = 0.92^{\circ}; C_{L} = 0.140$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATEON .913
FUSEL AGE			WING UPPER SURFAC	E	
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731531	.223394	0.000 1.031	0.000 1.039	0.000 1.041	0.000 .978
.747631	.346565	.003 .400	.010343	.010175	.010004
.763290	.448574	.010456	.030764	.030695	.030710
.778216	.487413	.020771	.050642	.050810	.050683
	.527341	.025886	.100682	.100658	.100728
	.566268	.030944	.190699	.180662	.180500
	.605195	.050913	.300801	.300779	.300641
	.669190	.100820	.350786	.350821	.350605
	.684222	.120751	.400785	.400803	.400633
	.724294	.180713	.450785	.450840	.450632
	.763286	.250748	.500555	.500835	.500440
	.803262	.300759	•550 <b>-•</b> 582	.550560	.550384
	.882265	.350620	.600559	.600335	.600374
	.961103	.400408	.650416	.650306	.650348
		•450 <b></b> 410	.700316	.700 <b></b> 273	.700333
		.500433	.750242	.990 .114	.750330
		-550475	.850063		.850106
		.600544	.950 .102		.950 .073
		.650557			.990 .141
		.700610			
		.800193			
		.900301			
		.950 .091			
		.990 .147			
			WING LOWER SURFACE	E .	
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	-148093	.005 .781	.005 .707	.005 .679	.005 .512
	.222169	.025121	.025096	.025071	.025112
	.338287	.050269	.050336	.050384	.050466
	.448392	.100475	.100430	.100426	.100426
	.527510	.120468	.180451	.180531	.180421
	.605601	.183436	.400630	.300564	.300443
	•684 -•426	. 250505	•500 <b>-•</b> 729	.400638	.400486
	.724265	.300538	.600300	.500468	.500423
	.763153	.400519	.650167	.630275	.600254
	.803040	.530716	.700044	.650144	.650151



.051

.123

.222

.650

. 750

.830

-. 144

-.021

.085

.650

.750

.800

.900

-.377 -.188

-.075

.020

.083

.198

.236

.600

. 650

. 700

.750 .800

. 900

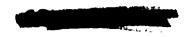
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. 842

.921



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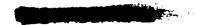
### TABLE XIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 126 - Continued

#### (c) M = 0.825 - Continued

 $\alpha = 1.42^{\circ}; \quad C_{L} = 0.216$ 

	STATION .148	STATION .402	STATION "595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731537	.223418	0.000 1.019	0.000 1.027	0.030 1.040	0.000 .976
.747683	.346604	.003 .335	.010420	.010229	.010049
.763283	.448698	.010534	.030829	.030800	.030780
.778211	.487557	.020824	.050802	.050843	.050807
	.527372	.025984	.100742	.130719	.100773
	.566285	.030 -1.060	.180789	.180722	.180724
	.605207	.050983	.300871	.300837	.300635
	.669197	-100898	.350904	.350866	.350636
	.684229	.120879	.403857	.400882	.400651
	.724302	.180795	.450852	.450888	.450671
	.763286	.250790	.500747	.500904	.500572
	.803264	-300826	.550550	.550771	.550410
	.882267	.350A16	.600482	.600373	.600367
	.961100	.400602	.650376	.650293	.650343
		.450404	.700287	.730245	.700323
		.500417	.750274	.990 .112	.750321
		.550462	.850055		.850103
		.600542	.950 .102		.950 .073
		.650561			.990 .135
		.700553			
		.800191			
		.900301			
		•950 •J89			
		.990 .144			

X/C	C P	X/C	CP	X/C	CP	X/C	CP	x/C	CP
. 148	086	.005	.823	.005	• 7 7 2	.005	.711	.005	.585
.222	132	. 02 5	043	.025	024	.025	010	.0 25	061
.338	263	.050	- •2 02	.050	268	.050	323	.050	386
.448	368	.100	421	.100	139	.100	354	.100	357
.527	484	.120	391	.180	400	.180	483	.180	375
. 605	549	.180	402	.400	575	.300	463	. 300	387
. 684	432	.250	474	.500	639	.400	558	.400	456
•724	272	.300	501	.600	317	.500	510	.500	406
• 763	153	.400	574	.650	171	.600	287	-600	252
-803	033	.500	665	.700	040	.650	150	-650	147
. 842	. 059	. 600	359	.750	.062	. 700	018	.700	029
.921	. 1 54	.650	195	.800	.140	. 750	.092	.750	.096
.961	. 175	. 703	073	.900	.232	.800	. 163	. 800	.192
		.750	.034	.950	. 261				
		.890	.101						
		.900	.211						
		. 95 ე	• 242						





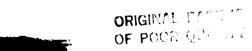
(c) M = 0.825 - Continued

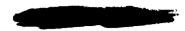
 $\alpha = 1.94^{\circ}; C_{L} = 0.285$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
FUSELAGE  X/L CP  .731531  .747673  .763280  .778206	X/C CP .223437 .346649 .448718 .487768 .527456 .566314 .605227 .669214 .684239 .724306 .763292 .803261 .882264 .961C91	X/C CP 0.000 1.003 .003 .296 .010021 .020883 .025 -1.046 .030 -1.135 .050 -1.104 .100954 .120914 .180862 .250864 .300876 .350874 .450960 .500422 .550423	X/C CP 0.J00 1.019 0.10498 0.30882 0.50893 1.00795 1.80863 3.300968 0.350965 4.00975 4.50991 0.500866 0.650332 0.700261 0.750199 0.850053 0.950	X/C CP 0.000 1.034 .010281 .030880 .050980 .100748 .180850 .300878 .350893 .400917 .450954 .500971 .550714 .600419 .650324 .700249 .990 .088	X/C
		.709543 .709510 .800192 .900002 .950 .088			.990 .131

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	046	.005	.853	.005	.810	.005	.767	.005	.623
.222	119	.025	003	.025	.057	- 025	.051	.025	-017
.338	247	.050	132	.050	213	.050	239	-050	~. 305
. 448	344	.100	349	.100	282	.100	293	.100	312
.527	460	.120	346	.183	365	.180	433	-180	324
.605	442	.180	360	• 400	525	.300	423	. 300	367
.684	425	.250	435	.500	583	.430	511	.400	
. 724	269	. 300	477	.600	332	.500			427
.763	164	•400	529				493	•500	400
				-659	180	.630	290	.600	248
. 803	035	.500	601	.700	047	.650	15l	-650	149
<b>. 84</b> 2	.068	.600	378	. 750	. 362	.700	024	.700	032
.921	-160	.650	209	.800	.145	-750	.087	.750	.096
.961	.174	. 700	079	. 900	-238	.820	.1.0	.800	. 195
		. 750	.040	950	.265			*****	
		.800	.109		0200				
		.900	.217						
		.950	. 246						







(c) M = 0.825 - Continued

 $\alpha = 2.41^{\circ}; \quad C_{L} = 0.338$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	<b>E</b> L AGE			WING UPPER SURFACE	<u>:</u>	
X/L •731 •747	CP 541 613	X/C CP .223473 .346681	X/C CP 0.000 .979 .303 .247	X/C CP 0.000 1.012	X/C CP 0.000 1.030	x/C CP 0.000 .972
.763 .778	279 206	.448727 .487795	.010659 .020946	.010552 .030940 .050917	.010316 .030927 .050 -1.038	.010165 .030872 .050931
		.527518 .566349 .605248	.025 -1.102 .030 -1.184 .050 -1.212	.100869 .180926 .300986	.100846 .180880 .300942	.100936 .180877 .300768
		.669224 .684249 .724299	.100 -1.129 .120 -1.068 .180869	.353 -1.017 .400 -1.005 .450 -1.046	.350959 .400957 .450984	.350739 .400714 .450735
		.763294 .803262 .882247	.250913 .300911 .350922	.500 -1.026 .550655 .600428	.530719 .550489 .600392	.500712 .550490 .600355
		.961091	.400924 .450890 .500503	.650364 .700295 .750?19	.650342 .700284 .990 .005	.650324 .700318 .750319
			.550455 .600471 .650457	.850079 .950 .027		.850111 .950 .059 .990 .122
			.700412 .800192 .900005			
			.950 .082 .990 .137			

WING	LOWER	SURF	ACE
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X/C	CP	X/C	C P	X/C	CP	X/C	CP	X/C	CP
.148	025	.005	.990	.005	.821	.035	.810	-005	.661
. 222	096	.025	.064	.025	.104	.025	.088	.025	.068
.338	219	- 05 0	391	.050	142	.050	194	.050	279
.448	314	-100	294	- 100	252	.100	248	-100	274
.527	436	-120	299	.180	325	.180	380	- 180	289
.605	434	. 180							
			326	.400	493	. 300	402	.300	354
.684	413	.250	393	.500	570	.400	484	.400	427
.724	264	-300	425	.600	345	.500	474	-500	403
. 763	156	.403	4 84	.650	194	.600	297	.600	251
. 803	03l	. 500	581	.700	056	.650	159	.650	154
.842	.076	.630	403	.750	.057	.730	041	.700	038
.921	.165	.650	208	.800					
				-	-145	.750	.077	÷750	- 093
.961	. 183	.700	781	.900	.231	.830	. 145	.800	.194
		.750	.041	.950	.249			•	
		.833	.112		••••				
		- 900	.225						
		• 95 1	-252						





# (c) M = 0.825 - Continued

 $\alpha = 2.92^{\circ}; \quad C_{L} = 0.381$ 

	STATION -148	STATION . 402	STATION .595	STATION .175	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP •731547 •747582 •763274 •778210	X/C CP .223500 .346696 .448800 .487777 .527621 .566398 .605271 .669240 .084258 .724303 .763290 .803242 .882240 .961094	X/C CP 0.000 .958 .003 .176 .010725 .020 -1.008 .025 -1.150 .030 -1.248 .050 -1.321 .100 -1.214 .120 -1.202 .180911 .250937 .300948 .350954 .400956 .450971 .500599 .550446 .600425 .650403 .700379 .800194 .900018 .950 .073 .990 .126	X/C CP 0.000 .993 .010611 .030995 .050999 .100936 .180984 .300 -1.023 .350 -1.043 .400 -1.062 .450 -1.073 .500655 .550695 .600442 .650383 .700334 .750289 .850162 .950055	X/C CP 0.000 1.026 -010370 -030994 -050 -1.103 -100893 -180926 -300 -1.012 -400 -1.025 -450782 -500495 -550437 -600401 -650357 -700324 -990066	X/C CP 0.008 .963 .010180 .030924 .050974 .100966 .180919 .300821 .350781 .400774 .450777 .500654 .550323 .700332 .650323 .700337 .850129 .950 .046

X/C	CP	x/c	CP	X/C	CP	x/c	CP	X/C	CP.
. 148	.005	. 005	.919	.005	.855	.035	.834	.005	.706
.222	079	.025	.137	.025	.167	.025	-145	.025	.061
.338	204	.050	026	. 050	084	.050	119	.050	217
. 448	300	.100	234	.100	189	. 100	201	.100	248
.527	416	-120	251	. 150	285	.180	343	.180	269
.605	427	-180	290	. 400	476	.300	378	.300	341
. 684	401	. 250	337	.500	557	.400	45/	.400	424
. 724	254	.300	196	-600	395	.500	505	.500	403
.763	155	-400	452	-650	203	.630	329	.600	
.803	027	500	559	.700	069	.650	176		260
. 642	.079	•600	376	.752	.344	.730		.650	158
.921	.168	• 050	211	.800	.132		054	.700	043
.961	.183	.700				. 750	.070	.750	.086
. 401	.103		075	•900	.226	.830	- 144	.800	.191
		. 750	. 043	. 950	•229				
		.800	.112						
		.900	.228						
		.950	.251						



#### (c) M = 0.825 - Continued

 $\alpha = 3.93^{\circ}; C_{L} = 0.448$ 

•	STATION -148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	:	
FUSELAGE  X/L CP .7315JD .747442 .763294 .778223	X/C CP .223569 .346712 .448907 .487900 .527697 .566454 .605304 .669259 .684256 .724281 .763253 .803217 .982227	X/C CP 0.000 .907 .003 .066 .013811 .020 -1.101 .025 -1.244 .030 -1.323 .053 -1.406 .100 -1.349 .120 -1.336 .180 -1.250 .250974 .300995 .350 -1.904	X/C CP 0.000 .977 .010705 .030 -1.097 .100 -1.031 .180 -1.056 .300 -1.123 .350906 .400755 .450551 .500523 .550489 .600454	X/C CP 0.000 1.009 010479 030 -1.063 050 -1.201 100 -1.008 180 -1.035 300 -1.079 350986 400615 450501 500474 550459 600433 650404	x/C
		.450916 .500478 .550409 .600412 .650402 .700375 .800244 .900090 .950035	.700380 .750339 .850261 .950188	.700377 .990176	.700359 .750374 .850166 .950 .005 .990 .070

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	.046	. 305	•959	.005	.900	.035	-668	.005	.760
. 222	041	.025	.246	.025	.256	.025	.245	. 025	-200
.33R	160	.050	.056	.050	-032	. 050	039	-050	101
.448	269	. 100	147	.100	100	.100	113	- 100	175
.527	376	. 120	171	.180	221	.150	259	.180	221
. 605	403	.180	227	. 400	418	.300	327	-300	312
.684	407	.250	282	.500	511	.400	427	.400	392
. 724	266	. 300	336	.600	480	•500	505	.500	410
.763	160	.400	415	.650	239	.600	364	•600	275
.803	032	.500	539	. 700	~.095	.650	202	-650	177
.842	.078	.600	431	. 750	.019	.700	082	.700	065
.921	.169	.650	246	.800	-102	. 750	.040	.750	-072
.961	.180	.700	107	.900	-186	-830	•121	. BOG	.176
		. 750	.019	.950	.177				
		.800	-100						
		- 900	-203						



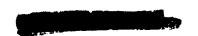


(c) M = 0.825 - Concluded

 $\alpha = 4.89^{\circ}; C_{L} = 0.500$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	ŧ	
X/L CP .731479 .747424 .763315 .778246	X/C CP .223650 .346738 .448949 .487946 .527625 .566435 .605305 .669253 .684243 .724262 .763250 .803213 .882254 .961124	X/C CP 0.303043 .013043 .013911 .020 -1.169 .025 -1.299 .030 -1.397 .050 -1.485 .100 -1.442 .123 -1.427 .180 -1.379 .25C -1.305 .300812 .350744 .400703 .450671 .500614 .550552 .600513 .650453 .700411 .800337 .900251 .950167	X/C CP  0.000 .950 .010803 .030 -1.165 .050 -1.178 .100 -1.124 .180 -1.136 .300662 .350586 .400571 .450550 .500539 .550526 .600479 .650462 .700438 .750405 .850379 .950297	x/C CP 0.000 .993 .010566 .030 -1.138 .050 -1.257 .100 -1.092 .180 -1.115 .300 -1.115 .350845 .400627 .450560 .500538 .550492 .600469 .650430 .700375 .990181	X/C CP  3.000 .930 .010367 .030 -1.088 .050 -1.161 .100 -1.142 .180 -1.016 .350941 .400789 .450521 .500430 .550393 .600379 .650373 .700373 .750373 .750370 .85C199 .950023
	X/C CP -148 .081 -222 .008 -338130 -448248 -527340 -605384 -684415 -724272 -763167 -803045 -842 .069 -921 .166 -961 .172	X/C CP .005 .979 .025 .346 .050 .151 .100092 .127108 .180167 .250231 .300283 .400374 .500515 .600492 .650 .258 .700130 .750001 .800 .085 .900 .167	X/C CP .005 .934 .025 .352 .050 .109 .100018 .180156 .400380 .500480 .600519 .550256 .700119 .750006 .800 .088 .900 .169 .950 .148	X/C CP .005 .924 .025 .333 .050 .058 .100053 .180201 .300279 .400492 .500478 .600402 .650216 .700086 .750 .035 .800 .115	X/C CP .005 .805 .025 .267 .050031 .100103 .180169 .3C0285 .400367 .500407 .600283 .650187 .700082 .750 .054



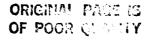


(d) M = 0.85

 $\alpha = -0.09^{\circ}$ ;  $C_{L} = 0.006$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE	Ē	
X/L CP	X/C CP	X/C SP	X/C CP	X/C CP	X/C CP
.731448	.223326	0.000 1.060	0.000 1.051	0.000 1.045	0.000 .972
.747840	.346496	.003 .553	.010148	.010 .004	.010 .154
.763431	.448590	.010229	.030509	.030402	.030501
.778211	.487371	.020557	-050506	.05068 <b>5</b>	.050533
	•527 -•296	.025649	-100463	.100431	.100482
	.566222	.030738	.180595	.180578	-180487
	.605150 .669146	.050752	.300714	.300686	.300548
	.669146 .684177	.100609 .120589	.350699 .400687	.350697 .400716	.350555 .400584
	.724245	.180586	.450666	.450742	.450612
	.763245	.250638	.500517	.500762	.500627
	.803228	.300660	.550544	.550766	-550647
	.882596	.350530	.600596	.600774	.600615
	.961089	.400369	.650679	.650653	.650411
		.450374	.700710	.700293	.700297
		<b>.5</b> 00384	.750408	.990 .201	.750276
		.550421	.850091		.850078
		.600493	.950 .038		•950 •085
		-650512			.990 .141
		.700598			
		.800505			
		•900059 •950 •009			
		•990 •053			
			WING LOWER SURFACE	<u>:</u>	
	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
	-148122	•005 •712	.005 .637	.005 .585	.005 .424
	.222192	•02 <b>5</b> 252	.025192	.025181	.025200
	.338310	-050 ~-441	.050449	.050532	.050553
	.448399	-100548	.100520	.100528	.100536
	•527523	.120560	.180535	.180615	.180528
	.605634 .684788	•180 -•548	.400675	.300646	.300596
	•684 -•788 •724 -•482	•250 -•556 •300 -•572	.500784 .600760	.400729 .500816	.400610 .500699
	.763238	.400658	.650201	.600246	.600231
	.803152	.500764	,700172	.650197	.650141
	.842097	•600 - 285	.750144	.700150	.700038
	.921 .042	.650232	.800122	.750103	.750 .048
	.961 .122	.700210	.900036	.800062	.800 .108
		.750191	.950 .92		· · - <del></del>
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		·900 -·086			
		.950305			







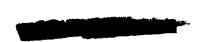
#### (d) M = 0.85 - Continued

 $\alpha = 0.90^{\circ}; C_{L} = 0.108$ 

		STATION . 148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	EL AGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	467	.223359	0.000 1.044	0.000 1.049	0.000 1.047	0.000 .987
. 747	846	.346550	.003 .459	.010299	.010095	.010 .063
.763	355	.448666	.010402	.030668	.030634	.030617
. 778	189	.487635	.020727	.050567	.050749	.050673
		.527361	.025837	.100615	.130634	.100665
		-566246	.030887	.180666	.180638	.180614
		.605166	.050855	.300786	.330749	.300613
		.669154	.100766	.350797	.350778	.350609
		<b>.684185</b>	.120780	.400795	.400802	.400640
		.724256	.180585	•450 <b>-•793</b>	.450816	.450670
		.763255	•250 <b>-</b> •720	.500801	.500845	.500688
		.803242	.300738	.550808	.550 ~.853	.550709
		.882577	.350760	.600732	.600409	•600 -•642
		<b>.9</b> 61080	.400759	.650470	.650297	<b>.650</b> 313
			.450405	.700321	.700244	.700249
			<b>.</b> 500 - <b>.</b> 364	.750214	.990 .066	.750245
			<b>.</b> 550409	.850062		.850074
			.670479	€ 50 € 069		.950 .083
			.650509			.990 .134
			.700 ~.598			
			<b>.</b> 800309			
			.900011	•		
			•950 •063			
			.990 .105			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	x/C	CP
. 148	075	.005	. 795	.005	.714	- 005	•683	- 005	.542
. 222	145	. 02 5	126	-025	053	.025	378	.025	113
.338	271	-050	238	.050	341	.050	362	.050	469
.448	367	.103	422	.100	441	.100	409	.100	416
.527	486	. 120	445	-180	413	.180	513	-180	461
.605	593	.180	448	-400	633	.300	568	-300	535
-684	745	.250	482	. 500	734	.400	662	.400	580
.724	540	-300	509	-600	338	.500	757	- 500	673
. 763	220	- 400	593	.650	220	.600	288	.600	261
. 803	110	.503	716	.700	177	.650	189	.650	150
.842	037	.600	381	.750	133	.700	134	-700	041
.921	.092	-650	241	.800	099	.750	084	• 750	.053
.961	-157	.700	201	.900	.306	.800	037	.800	-122
		.750	1 64	.950	.071				
		.800	141						
		9.30	036						





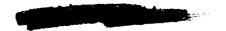


(d) M = 0.85 - Continued

 $\alpha = 1.43^{\circ}; \quad C_{L} = 0.160$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE	Ē	
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
. 731	474	.223393	0.000 1.021	0.000 1.040	0.000 1.044	0.000 .985
.747	866	.346591	.003 .394	.010373	.010173	.010 .002
.763	325	.448674	.010469	.030740	.030719	.030683
.778	184	.487728	<b>.</b> 020764	.050732	.050754	.050751
		.527436	-025894	.100674	.100656	.100738
		.566283	.032981	.180734	.180710	.180706
		.605183	.050943	.300835	.300789	.300649
		.669169	-100826	.350 ~.852	.350819	.350626
		.684193	.120803	.400854	.400846	.400652
		.724262	.180745	• <b>450 ~•865</b>	.450860	.450686
		.763265	.250 ~.760	.500841	.500867	.500706
		.803252	.300788	.550883	.550 ~.513	.550738
		.882560	.350796	.600553	.600330	<b>.</b> 600 - <b>.</b> 561
		.961077	.400807	.650331	•650 -•292	<b>.</b> 650299
			.450713	.700270	•700 -•255	.700246
			-500425	.750209	<b>-9</b> 90 <b>028</b>	.750247
			<b>.</b> 550 - <b>.4</b> 06	.850 ~.083		.850080
			<b>.</b> 600 - <b>.</b> 474	.950 .023		.950 .073
			.650504			.990 .123
			.700596			
			<b>.</b> 800 <b></b> 218			
			.900 .006			
			.950 .083			
			.990 .128			

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	CP
.148	062	-005	.831	.005	.750	-005	.725	.305	.560
.222	130	.025	051	•025	.013	.025	.006	.025	047
.338	251	-050	189	.050	291	.050	320	.050	416
.448	350	-100	390	.100	337	.100	357	-100	365
.527	470	.120	395	.180	388	.180	474	.180	396
.605	582	- 180	382	-400	584	.300	579	- 300	517
.684	735	· 250	444	•500	703	.400	603	.400	551
.724	478	. 300	492	-600	413	-500	720	•500	640
. 763	206	.400	585	-650	229	-600	379	-600	270
.803	090	-500	700	.700	173	.650	199	.650	151
.842	022	-600	536	.750	117	.700	111	.700	041
. 921	- 107	.650	248	.800	087	.750	074	.750	.057
.961	-151	.700	l 89	.900	.025	.800	012	.800	.130
		.750	141	• 95 0	.079				
		.800	115						
		.900	.307						





#### (d) M= 0.85 - Continued

 $\alpha = 1.97^{\circ}; C_{L} = 0.211$ 

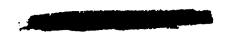
	STATION - 148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL AGE			WING UPPER SURFACE	•	
FUSELAGE  X/L CP  .731486  .747863  .763306  .778178	X/C CP -223424 -346613 -448700 -487744 -527572 -566338 -605222 -669184 -684206 -724264 -763273 -803262	X/C CP 0.000 1.022 .003 .325 .010527 .020815 .025968 .030 -1.055 .050 -1.047 .100949 .120857 .180767 .250815 .300820 .350837	X/C CP 0.000 1.032 0.010421 0.030784 0.050798 1.00735 1.80796 3.00882 3.50903 4.00930 4.50955 5.500931 5.50937	x/C CP 0.070 1.045 .010204 .030770 .050883 .100682 .180790 .300842 .350854 .400670 .450893 .500359 .600329	X/C CP G.000 .982 .010043 .030730 .050794 .100758 .300733 .350681 .400685 .450712 .500735 .600479
	.882453 .961077	.350837 .400848 .450868 .500742 .550432 .600466 .650452 .700507 .800198 .900 .006 .950 .383	.650340 .700299 .750262 .850162 .950055	.650308 .700284 .990097	.650275 .700254 .750267 .850103 .950 .056 .990 .103

#### WING LOWER SURFACE

X/C	CP	X/C	CP	x/c	CP	X/C	CP	X/C	CP
.148	044	.005	.357	.005	.789	.005	-740	• 005	.625
. 222	107	.025	.034	.025	.064	.025	-041	• 025	002
.338	244	.050	141	-050	231	.050	265	<b>.</b> 050	371
.448	333	.100	337	. 100	283	.100	302	. 100	332
.527	457	.120	333	.180	~.354	.180	439	-180	379
.605	554	. 180	352	.400	552	.300	480	-300	494
.684	712	.250	427	.500	670	.400	576	-400	505
.724	465	.300	464	.600	690	.500	682	•500	606
.763	181	.400	559	.650	263	.600	-,536	.600	301
. 803	086	•500	671	.700	174	.650	224	.650	161
. 842	001	. 600	772	.750	128	. 700	128	. 700	C47
.921	.121	.650	260	.800	073	.750	066	.750	. 049
.961	.165	.700	171	.900	- 049	.800	-008	.800	.130
		. 750	113	.950	.113				
		. 803	086						
		.900	.059						
		• 950	.l56						



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# TABLE XIII.- WING AND FUSELAGE PRESSURE COEFFICIENTS FOR CONFIGURATION 126 - Continued

# (d) M = 0.85 - Continued

 $\alpha = 2.39^{\circ}; \quad C_{L} = 0.249$ 

		STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS	ELAGE			WING UPPER SURFACE		
X/L	CP	X/C CP	X/C CP	X/C CP	X/C CP	X/C CP
.731	492	.223450	0.000 1.310	0.000 1.025	0.000 1.044	0.000 .982
. 747	894	.346630	.003 .293	.013459	.010267	.310 ~.091
.763	288	.448733	.010594	.030847	.030828	.030784
.778	177	.487754	.020846	.050817	.050940	.350809
		.527695	.025 -1.000	.100773	.100721	.100827
		.566394	.030 -1.378	.180832	.180802	.180793
		.605242	.050 -1.108	.300914	.300882	<b>.300757</b>
		.669206	.100 -1.036	.350938	.350907	.350713
		.684217	.120 -1.049	.400955	.400913	.400728
		.724273	.180804	<b>.45</b> 0 - <b>.</b> 988	.450795	.450750
		.763283	.250833	.500697	.500472	.500754
		.803272	.300863	.550 ~.435	.550369	.550645
		.882418	.350364	.600392	.630346	.600387
		.961079	.400878	.650 ~.355	.650334	.650 <b></b> 268
			.450986	.70032b	.700303	.700265
			.500849	.750294	.990138	.750276
			.550484	.850203		.850107
			.600433	.950 ~.118		.950 .043
			.650384			.990 .097
			.700411			
			.800204			
			•90C -•307			
			.950 .075			
			.990 .116			

X/C	CP	X/C	C F	X/C	CP	X/C	CP	X/C	CP
.148	011	.005	.889	- 005	.825	.005	.788	.005	.647
.222	~.096	• 025	.076	.025	.099	.025	.112	.025	.055
.338	219	.050	070	.050	146	.050	200	-050	296
.448	322	.100	308	.100	262	.100	261	.100	316
.527	443	.120	307	-180	340	-180	420	. 180	362
-605	537	.160	333	-400	5 36	.300	464	.300	465
. 684	692	.250	403	.500	647	. 430	544	.400	496
.724	461	.300	446	.600	810	.500	661	.500	603
.763	170	.400	530	- 650	291	.600	675	-600	348
.803	064	.500	636	.700	177	•650	234	.650	168
.842	.018	-600	797	.750	105	.700	130	.700	053
. 921	.133	.650	283	.800	054	. 750	063	. 750	.048
•96 l	.168	.700	161	-900	.075	. ADû	.019	.800	.130
		. 750	101	•950	.116				
		.800	056						
		. 900	1.09						

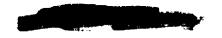




#### (d) M = 0.85 - Continued

 $\alpha = 2.91^{\circ}; \quad C_{L} = 0.295$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSEL AGE			WING UPPER SURFACE	<b>E</b>	
X/L CP .731509 .747882 .763299 .778182	X/C	X/C	X/C CP 0.000 1.022 .010495 .030896 .050902 .100845 .180861 .300978 .350989 .400993 .450695 .500425 .600394 .650366 .700339 .750317 .850253 .950186	x/C	X/C CP 0.000 .971 010137 .030632 .050870 .100867 .180836 .300805 .350770 .400765 .450784 .500786 .550603 .600339 .650274 .700272 .750303 .850136 .950 .015
	X/C CP 148 .008 .222068 .338201 .448307 .527426 .605521 .684658 .724447 .763174 .803063 .842 .027 .921 .140 .961 .170	X/C	X/C CP .005 .834 .025 .136 .050089 .100198 .180300 .400500 .500614 .600805 .650356 .700190 .750123 .800056 .900 .076	X/C CP .005 .816 .025 .132 .050163 .100271 .180368 .300406 .400529 .500630 .600793 .650281 .700147 .750079 .800007	X/C CP .005 .674 .025 .095 .050239 .100278 .180329 .300406 .400496 .500596 .600398 .650182 .700060 .750 .039 .800 .124



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# TABLE XIII.- WING AND FUSELAGE PRESSURE COFFFICIENTS FOR CONFIGURATION 126 - Continued

#### (d) M = 0.85 - Continued

 $\alpha = 3.90^{\circ}; \quad C_{L} = 0.367$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUSELAGE			WING UPPER SURFACE		
X/L CP .731484 .747771 .763267 .778210	X/C CP .223546 .346660 .448870 .487878 .527861 .566518 .605332 .669245 .684235 .724251 .763266 .803244 .882263 .961110	X/C	X/C CP 0.300 .997 .010624 .030966 .050981 .100945 .180992 .300 -1.036 .350896 .400537 .450477 .500477 .500414 .650394 .703374 .750344 .850298	X/C	X/C

X/C	CP	X/C	CP	X/C	CP	X/C	CP	X/C	ιņ
X/C -148 -222 -338 -448 -527 -605 -684 -724 -763 -803 -842 -921	CP .043 032 162 268 390 491 619 445 188 057 .046 .148	.905 .025 .050 .100 .120 .180 .250 .300 .400 .500	.961 .247 .349 -160 -170 -237 -295 -367 -447 -575 -1752	X/C .005 .025 .050 .100 .180 .400 .500 .650 .750 .750	CP .903 .267 307 116 225 446 579 778 496 217 119	X/C .005 .025 .059 .100 .180 .300 .500 .650 .650 .750	CP .876 .231 062 141 280 353 469 597 797 797 358 158 088	X/C •005 •025 •050 •100 •180 •300 •400 •500 •650 •700	.746 .130 152 203 348 346 576 534 198 083
**01	•177	.700 .750 .800 .900	200 390 313 .131	.900 .950	.095 .117	-800	028	.800	•131



#### (d) M = 0.85 - Concluded

 $\alpha = 4.92^{\circ}; \quad C_{L} = 0.435$ 

	STATION .148	STATION .402	STATION .595	STATION .775	STATION .913
FUS EL A GE			WING UPPER SURFACE		
X/L CP •731 -•459 •747 -•776 •763 -•302	X/C CP .223613 .346695 .448900	X/C CP 0.000 .912 .003 .032 .010806	X/C CP 0.000 .960 .010685 .030 -1.061	X/C CP 0.000 1.016 .010484 .030 -1.042	X/C CP 3.000 .942 .010293 .030986
.778245	.487935 .527773 .566502 .605339 .669262 .684234 .724247	.020 -1.083 .025 -1.213 .030 -1.293 .050 -1.361 .100 -1.342 .120 -1.319 .180 -1.273	.050 -1.061 .100 -1.024 .180 -1.054 .300724 .350558 .400533	.050 -1.163 .100 -1.008 .180 -1.025 .300929 .350669 .400503	.050 -1.050 .100 -1.049 .180 -1.014 .300958 .350905 .400795
	.763241 .803238 .882294 .961136	.250 -1.095 .300813 .350679 .400660 .450619	.500500 .550479 .600476 .650472 .700441	.500478 .550461 .600448 .650435 .700409	.500489 .550433 .600401 .650386 .700372
		.500597 .550553 .600511 .650474 .700437 .800372 .900305 .950261	.750413 .850362 .950335	.990 <b></b> 291	.750360 .850259 .950168 .990153

X/C	CP	X/C	CP	X/C	CP	x/c	CP	x/c	CP
.148	.089	.005	.986	.005	.949	.005	- 904	.005	.797
.222	.009	-025	.339	• 025	-328	.025	.328	.025	.256
. 338	127	- 05 0	.132	.050	•099	.050	.036	.050	045
.448	739	.100	083	.100	048	.133	065	.100	136
.527	361	-120	099	. 180	162	-180	211	. 180	198
.605	393	-180	164	.400	404	.300	299	.300	315
.684	615	- 250	259	•500	526	. 400	430	.400	438
.724	430	.300	304	-600	749	•500	553	.500	541
.763	192	.400	396	-650	655	.630	772	-600	588
.803	063	•500	520	.700	209	.650	428	.650	211
.842	• 0 39	.600	731	.750	093	.700	151	.700	097
.921	.140	• 650	540	.800	012	. 750	044	.750	.022
.961	.162	.700	192	.900	-106	.830	.018	.800	.116
		. 750	070	• 950	-104				
		.800	003						
		- 900	.124						
		.950	.129						